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1	IN THE UNITED STATES COURT
2	NORTHERN DISTRICT OF OHIO
3	EASTERN DIVISION
4	
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6	IN RE: NATIONAL PRESCRIPTION MDL NO. 2804
7	OPIATE LITIGATION
8	Case No. 17-mdl-284
9	Judge Dan Polster
10	
11	This document relates to:
12	The County of Summit, Ohio, et al.,
13	V.
14	Purdue Pharma L.P., et al.,
15	Case No. 1:18-OP-45090 (N.D. Ohio)
16	
17	~~~~~~~~~~~~~~
18	Videotaped deposition of
19	DOUGLAS A. SMITH, M.D., DFAPA
20	November 16, 2018
	9:08 a.m.
21	
	Taken at:
22	Jackson Kelly PLLC
	50 South Main Street Street
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24	Wendy L. Klauss, RPR
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Page 17 THE VIDEOGRAPHER: We are on the 1 2. record. Today's date is November 16, 2018. 3 The time is approximately 9:08 a.m. We are here to take the videotaped 4 deposition of Doug Smith, in the case of 5 6 National Prescription Opiate Litigation, case 7 number 17 MD 2804, to be heard in the United States District Court, Northern of District of 8 Ohio, Eastern Division. 9 10 Would counsel please state their 11 appearances for the record. 12 MS. KEARSE: Anne Kearse, with 13 Motley Rice, on behalf of the County of Summit 14 and City of Akron. MS. KOUBA: Annie Kouba, of Motley 15 16 Rice, on behalf of the County of Summit and the 17 City of Akron. 18 MS. FLOWER: Jodi Flowers, Motley 19 Rice, on behalf of the County of Summit, the 20 City of Akron, and the witness. 21 MR. CARTER: Edward Carter, 2.2. Walmart. 23 MS. KINCAID: Meredith Kincaid, Walmart. 24 2.5 MR. BOEHM: Paul Boehm, from

Page 18 Williams & Connolly, for Cardinal Health, and 1 2. I'm joined by Brad Masters and Mindy Smith. MS. WEST FEINSTEIN: Wendy West 3 Feinstein, with Morgan Lewis, on behalf of the 4 Teva defendants. 5 6 THE NOTARY: On the phone, please. 7 MR. BOEHM: I'm sorry. I said Mindy Smith, but I meant Mindy Johnson. I'm so 8 9 sorry, Mindy. 10 MR. LAZAR: Good morning. This is 11 Zach Lazar, from Morgan Lewis, on behalf of the 12 Teva Defendants. MR. HUNTER: Tucker Hunter, from 13 14 Kirtland & Ellis, on behalf of Allergan Finance. 15 16 MR. NAEEM: Tariq Naeem, on behalf 17 of Janssen and Johnson & Johnson. 18 MS. HAJIAN: Neda Hajian, from Arnold & Porter, on behalf of the Endo and Par. 19 20 MS. ROLLINS: Anne Rollins, from 21 Reed Smith, on behalf of AmerisourceBergen Drug 22 Corporation. 23 MR. PULSIPHER: Bryant Pulsipher, Covington & Burling, for McKesson. 24 THE VIDEOGRAPHER: Please swear the 2.5

Page 19 witness. 1 2. DOUGLAS A. SMITH, M.D., DFAPA, of 3 lawful age, called for examination, as provided by the Statute, being by me first duly sworn, 4 as hereinafter certified, deposed and said as 5 follows: 6 7 EXAMINATION OF DOUGLAS A. SMITH, M.D., DFAPA BY MR. BOEHM: 8 9 Ο. Good morning, Dr. Smith. 10 Α. Good morning. You and I introduced ourselves off 11 Ο. 12 the record, but we will do it formally again on 13 the record. Thank you for being here this 14 morning. 15 Could you please state and spell 16 your name, just for the record. 17 Sure. Douglas Smith, Α. 18 D-O-U-G-L-A-S, Smith, S-M-I-T-H. 19 And what is your address? Q . 20 Α. 1867 West Market Street, Akron, 21 Ohio. 2.2 Q. What is your understanding as to 23 why you have been asked to give deposition testimony here today? 24 Well, I work with the Summit County 25 Α.

Page 20 Alcohol, Drug Addiction, Mental Health Services 1 2. Board, and in my role since May 1 of 2012, part of that role has involved the -- working with 3 the opiate epidemic and, as a result of that, I 4 quess I have certain facts that are important 5 6 to the case. 7 0. Have you read the complaint that's been filed in this case? 8 9 Α. No. I did try to glance at the 10 table of contents, but I actually didn't read 11 the -- I got a sense of how broad it is. 12 Did you have an opportunity to 1.3 review the complaint before it was filed? 14 Α. No. 15 0. Nobody asked you to look it over? 16 Α. Never. 17 Do you know who wrote the Q. complaint? 18 19 I don't think that -- I literally 20 looked at it two days ago, so I don't think I 21 know who wrote it, no. 2.2 Ο. When did you first learn that this 23 lawsuit was going to be filed? 24 We had a -- so ADM board has a Α. board of directors, and we had a meeting with 25

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them -- well, actually, I had to leave the room because our director, Jerry Craig, was in the room, but they had -- they went into executive session.

This was probably, geez, it might even be early in 2018, not real long ago, and they met to determine whether ADM was officially part of the County of Summit for this purpose, because we are kind of separate, because we have our own board of directors.

But anyway, somewhere, it wasn't real, real long ago, it might have been -- it probably was from our board meetings in 18.

- Q. So is that meeting sometime in early 2018 the first time you learned about the existence of this lawsuit?
- A. Yes. It was pertaining to us, yes. I had heard, you know, through the media that at some point there might be a lawsuit, but I didn't think about it much and certainly didn't expect we might be first.
- Q. You said the purpose of lawsuit -or I'm sorry -- the purpose of that meeting
 that you recall was to determine whether or not
 the ADM board was part of Summit County or not?

Page 22

- A. Because of the weird -- and I don't pretend to understand it, I'm not the director, and I don't deal with anything nonclinical, so I think it is just to make sure that we were going to be working with the Count of Summit together, as part of the fact finding.
- Q. Is the ADM Board for Summit County a part of county government?
- A. We are, but as -- not 100 percent, because our director reports to a board of trustees, as opposed to reporting to our county executive.
- Q. When you say, "Not 100 percent," can you tell us more what you mean by that?
- A. I just did. That's all I know. So in other words, some departments report directly to the county executive, and ADM does not report directly to the county executive, because we have a structure of 14 board members, appointed by both the county and the state, that sit on the board, and then our director reports to them. He does not answer to the county executive.
- Q. You said that you had to leave the room at that meeting?

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A. When they go into executive session, that means it is Jerry Craig, our director, and the board members, and then if they had invited guests, whoever they were.

So they have a discussion that's not public. Otherwise, our meetings are public.

- Q. Understood. So when you talk about the board, you are talking about the board of directors for the Summit County ADM Board?
- A. Correct. It's confusing. We've used the board twice, but, yes.
- Q. And you are not a member of the ADM Board board of directors?
 - A. Correct. I'm a staff member.
- Q. And do you know what the determination that was -- let me strike that and start over.

Do you know what determination was made at that meeting as to the question of whether or not the Summit County ADM Board would be considered part of Summit County for purposes of this lawsuit?

MR. KEARSE: Object to form.

A. I believe the answer was yes,

Page 24 because I'm here today talking to you, so ... 1 2. Did you have an opinion about that? Not at all. That's not clinical. 3 Α. Everything I do is clinical. 4 5 Has anybody ever asked your opinion about whether or not this lawsuit should be 6 7 filed? 8 Α. Nobody. 9 0. Do you have an opinion about that? 10 MR. KEARSE: Object to form. 11 I have never really given it Α. 12 thought. I under -- having grown up in the 13 Baltimore/DC area, I was aware of, like, the big asbestos cases and those kind of things. 14 So I kind of understand a little bit about 15 16 class action, but I don't have an opinion about 17 the lawsuit, per se. 18 Do you know whose decision it was, ultimately, to file the lawsuit on behalf of 19 20 Summit County? 21 Α. I do not. 2.2 Q. Have you ever given deposition testimony before today? 23 2.4 Α. Yes. How many times have you given 2.5 Q.

Page 25

deposition testimony?

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- A. Maybe five or six.
- Q. And what are the contexts in which you have been asked to give deposition testimony, prior to today?
- A. All of them -- all of them have part -- been due to my private forensic psychiatry practice, and they have been in legal cases that I have been -- in that case, all of them except for one, I was an expert witness.

One of them I was a fact witness, but it was because I had been an expert witness for -- they never let me finish the review, but for a capital murder defense, and basically I was a fact witness for a new set of attorneys who were making the argument that the first set of attorneys did not do a good job defending the person against the capital crime.

- Q. Understood. In that instance, you ended up not testifying, did I --
- A. I was a fact -- in that case, I was a fact witness, because I actually had never finished my interview, let alone the paper review, to give an opinion.

Page 26 They wanted to know that fact, "Oh, 1 2. so they didn't even let you finish." That was 3 germane to their case against the lack of defense by the first set of attorneys. 4 5 Go it. You also said you have been 6 retained as an expert witness in matters, and 7 that is what resulted in your deposition? 8 Α. Correct. 9 And that's happened, did you say, about four or five times? 10 11 Yeah. Maybe -- it's probably four, Α. 12 it may be five times ever. 13 Q. Have you been retained by plaintiffs lawyers, defense lawyers, or both --14 15 Α. Both. 16 -- in your capacity as an expert Ο. 17 witness? Both. 18 Α. 19 When was the last time that you did Q . 20 deposition testimony? 21 I believe earlier this year. Α. 2.2 Q. As an expert? 23 Α. Yes. 24 What did the case involve? Q. Let me think about which one that 2.5 Α.

Page 27 I believe that was a police case, so I 1 2. train the crisis intervention team officers in Summit County. There aren't a lot of 3 psychiatrists in the country that do that. 4 5 So I am sometimes asked to look at 6 a case of a bad outcome with a police officer or a sheriff's deputy. So this was a similar kind of situation, where I was asked, and it's 8 9 not settled yet, so I probably can't officially 10 give you all the details, but basically they 11 asked my opinion about CIT training, could it 12 have prevented the bad outcome, that kind of 13 information. 14 And were you a retained expert in 0. 15 that case? 16 Α. Yes. 17 Who retained you? Q. 18 Α. In that case, it was the plaintiff. 19 Do you get paid by the hour, when Q. 20 you do that work? 21 Yes, I do. Α. 2.2 Q. How much do you charge? 23 Α. \$400. 24 0. Now, we have your CV here, and I'm going to mark that as Exhibit 1, for purposes 25

Page 28 of your deposition. 1 2. 3 (Thereupon, Deposition Exhibit 1, Curriculum Vitae of Douglas A. 4 Smith, M.D., Beginning with Bates 5 Label SUMMIT 925093, was marked for 6 7 purposes of identification.) 8 9 Q. Dr. Smith, is this a copy of your curriculum vitae? 10 11 Α. Yes, it is. 12 And you will see, by the numbers 13 down there in the bottom right-hand corner of the document, that this is something that was 14 15 produced to us by lawyers for Summit County. 16 Α. Uh-huh. 17 Q. Is this the most current version of 18 your CV? 19 Yes, it is. Α. 20 If you would turn to the second to Q. 21 the last page. In the bottom right-hand 22 corner, it's the page number that ends in 98 --23 Α. Yes. 24 -- do you see that? Q. Uh-huh. 25 Α.

Page 29 You make reference to some 1 2. presentations that you have given in your professional capacity, correct? 3 Α. Correct. 4 And you say you have made over 70 5 6 presentations, yes? 7 Α. Yes. And you have made those 8 Q . 9 presentations to various audiences on various 10 topics --11 Yes. Α. 12 Q. -- right? 13 These are topics, presumably, on which you have some level of training and 14 15 expertise that you are informing others about? 16 Yes. Correct. 17 It looks like most of these, not Q. 18 surprisingly, relate to your work as a psychiatrist? 19 20 Α. Yes. 21 At the bottom of the list, the next 2.2 to the last item that you list is Basics of 23 Court Testimony --2.4 Yes. Α. -- do you see that one? 2.5 Q.

Page 30 Α. Uh-huh. 1 2. Q. Can you tell us more about that? Sure. So for many -- you can see 3 Α. from the CV, for many years I worked at the 4 state psychiatric hospital, most of those years 5 as the medical director. 6 7 Many times our psychiatrists have to testify in probate court for civil 8 9 commitment hearings. So I would train the 10 psychiatrists on, kind of, how to do that, what 11 to say, how to answer questions, that kind of 12 thing. 1.3 Can you give us some examples of Q . the kinds of things that --14 Sure. Well, I would --15 Α. 16 THE NOTARY: Wait a minute. You've 17 got to let him finish the question before you 18 start please. 19 "Can you give us some examples of the kinds" --20 21 -- the kinds of advise that you 22 would be giving to your audience, in that type 23 of presentation? 24 MR. KEARSE: Object to form. So basically, I would give them a 25 Α.

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little bit a background. I would talk about the underpinning of civil commitment, Addington versus Texas, Supreme Court case, and so forth, so they had some understanding of what was going on, and then basic talk about just say the facts and make sure you have got the records with you, and that kind of thing.

Q. You said you would kind of give them some advice about how to answer questions --

MS. KEARSE: Object to form.

- Q. -- what did you mean by that?
- A. Just what -- just that they need to talk about the actual facts of the case so they would -- we have a thing called a pink slip in Ohio. I would make sure they read the pink slip, so they give the actual information about why the person first came to the hospital.

So basically just -- many of them get nervous. It's really more about helping them not be nervous, when they are testifying, not about always say this or that. It's not that kind of detail.

- Q. Got it.
- A. That's why it's basics.

Page 32 And have you testified in court 1 0. before? 3 Α. Yes. How many times have you done that? 4 Well, civil commitment, many times. 5 In my private forensic world, three or four. 6 7 Most of the cases settle long before deposition or even trial. 8 9 When was the last time you testified in a court proceeding? 10 11 It would have been also earlier Α. 12 this year, in Georgia. 13 Q . In Georgia? Uh-huh. 14 Α. 15 Ο. And that's the case where you were 16 retained by plaintiff's counsel as an expert? 17 Α. Yes. In that -- yes. In that --18 so it was actually the general capital defense 19 group for Georgia itself defending a person 20 against a capital murder of a police officer, and in that case, my testimony actually really 21 2.2 only was about CIT. I didn't actually talk 23 about the defendant at all, because I never got to evaluate him. 24 Got it. Let's turn to the front of 2.5 Q.

Page 33

your CV, and if we get through your education and work history, just for a few minutes --

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- Q. -- that might be helpful.
- A. Uh-huh.
- Q. I'm just going to help the court reporter here, and I should have said this at the beginning. As you notice and you know from your prior experience, the court reporter is here typing up everything each of us says.
 - A. Yes.
- Q. And it's hard for her to do that if one of us is talking while the other is still finishing a thought. I sometimes make that mistake, you will probably do it, and we will just do our very best to wait until one person is done before the other starts talking.

MR. KEARSE: I may have an objection once in a while as well too, but you will be able to answer, unless I instruct you not to, but sometimes it may be a three way, at times.

MR. BOEHM: I certainly did not mean to cut you out of that, Anne, in any way.

Q. Okay. So you went to the

Page 34 University of Maryland at College Park, 1 correct? 3 Α. For undergraduate, yes. For undergraduate. And for medical 4 0. school? 5 Actually the medical school was in 6 7 Baltimore. So they are, I don't know, 40 miles apart or something. 8 9 Q. And you said you are from the 10 DC/Maryland area --11 Α. Yes. 12 Q. -- correct? 13 Α. That's correct. 14 That's where you grew up? Ο. 15 Α. Yes. 16 You majored in pre-medicine and Q. 17 psychology, correct? 18 Α. Correct. Why did you select that major? 19 Q. 20 Actually, I started, -- I thought Α. 21 medical school early on, but I started as a 22 chemistry major, until I took an intro 23 psychology class and it -- I don't know, I really liked the content, and that changed the 24 whole path that I took. 25

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- Q. Did you know when you entered medical school that you wanted to go into psychiatry?
- A. I did, but I was actually open to other -- liking other things, and I did like other things, but in the end, psychiatry was the winner.
- Q. And that's what you did your residency and fellowship in, right?
- A. A residency in psychiatry. I did a forensic fellowship specifically about both civil and criminal evaluations, testimony, and so forth.
- Q. And you're board certified in psychiatry and in forensic psychiatry, correct?
 - A. Correct.
- Q. What does it mean, that you are board certified in those areas?
- A. It means that you -- it's not required, but some of us choose to do it. We do some extra -- often extra education, like the forensic fellowship, and then in psychiatry, when I did it, you had to do a written exam, a national examination, pass that examination, then you had to actually do an

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oral examination in front of several other psychiatrists of a -- a randomly assigned patient at a randomly assigned site. I was in Chicago for that.

So you have to make it through that. That gets you board certified in psychiatry. Forensic psychiatry is an additional test, national test, all put on by the American Board of Psychiatry and Neurology.

- Q. What is forensic psychiatry?
- A. Basically any intersection between psychiatry and the law, although forensic actually means public forum, so it really, to me, includes teaching, educating the public and others.
- Q. Why did you choose to specialize in forensic psychology -- I'm sorry, forensic psychiatry?
- A. Psychiatry. During medical school I did a rotation at -- I think it's -- was the first, actually, court psychiatric clinic in the country, which happened to be in Baltimore, Maryland.

The grandfather of forensic psychiatry, Jonas Rappaport, ran the court, and

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actually he was the one who started the

American Academy of Psychiatry and the Law.

That's why I refer to him as the grandfather of forensic psychiatry.

I got to watch evaluations and -- as well as actually tapes of -- when there were no evaluations, tapes of the Jeffrey Dahmer trial and was -- really enjoyed the interaction between them, all the legal issues, as well as the psychiatric issues.

Q. Did you have some professional objective in mind, when you decided to specialize in forensic psychiatry?

In other words, did you have some particular type of work you hoped to do with that accreditation?

A. No. I don't think I thought about that far in advance. I was fascinated by the topic. I was still, kind of, in the mindset of getting educated, so I, thankfully, got the fellowship. There are very few of them in the country.

I did the fellowship, which was really a Johns Hopkins/Maryland combination, and after that, I think it has helped me in

Page 38 political work as well as in, obviously, some 1 occasional forensic work. 3 What percentage of your work, over 0. the course of your career as a psychiatrist, 4 has been in a clinical setting? 5 All of it. 6 Α. 7 Ο. All of it. Would you characterize the work 8 9 that you do for the Summit County ADM Board as clinical work? 10 Almost all of it. 11 Α. 12 You are licensed to practice Ο. 1.3 medicine in the State of Ohio, correct? 14 Α. Correct. 15 Have you ever been licensed to 16 practice medicine in any state other than Ohio? Maryland, when I was there, and 17 18 officially made it -- I had to do some paperwork to make it inactive, but I could, if 19 20 I moved back, I could reactive it. 21 It is inactive now, but --0. 2.2 Α. Correct. 23 -- you have some kind of status there; is that fair? 24 That's fair. 2.5 Α.

Page 39 You also have the letters DFAPA next to your name. Can you tell us what that means? Sure. So that's a Distinguished Α. Fellow of the American Psychiatric Association. That means that I have done a fair amount of service work on behalf of the -- mostly the Ohio Psychiatric Physicians Association, OPPA, advocacy and chairing committees and things of that nature, and if you do enough of that over the course of time, you're able to get some letters of recommendation from colleagues and then apply for that. Okay. Are you licensed to prescribe medications to patients? Α. Yes. How regularly -- how regularly do

- you do that?
- I have a small private practice, half a day a week, where I actually treat patients directly.
- Q. Do they come to you in a private office?
 - Α. Yes.

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Is that like a therapy setting? Q.

- A. Well, I -- there is a psychologist who created a large practice around Worker's Compensation cases, and so he -- I don't work for him, but the practice has a lot of offices around the state, and they were looking for psychiatrists. So I go to one of those offices three afternoons a month and one of the other offices the other afternoon a month, so basically once a week.
- Q. And are all of these cases Worker's Comp related cases?
 - A. Everyone of them.
- Q. So tell us more about what you do in relation to what the patients are needing?

 MR. KEARSE: Object to form.
- A. So it's direct patient care. So my official role is managing their medications safely. Most of the patients have an allowed condition, which is the wording they use when they have vetted what there illness is; if it's in the depressive disorder or anxiety disorder range or overlap, occasionally something more severe like schizophrenia, but most of them in that range are in that range, plus PTSD, I do treat some correction officers and other

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officers that have work injuries that end up on that system.

- Q. Does any of your work involve helping a patient make or sustain a claim for Workers' Compensation?
- A. None of mine does, no. There are -- I think the practice has a couple of psychologists who will do reports to either allow -- add an allowed condition or argue to allow a condition, but all of my stuff is direct care, and that's it.
- Q. Are you compensated by the practice itself, or how do you get compensated for that work?
- A. So I -- the practice has a separate billing company. So I submit my notes to the billing company, they send them out, the checks all come to me, then I pay an overhead fee to the billing company, basically, each month.
- Q. On the second page of your CV, there is a reference to Private Practice in Forensic Psychiatry.
 - A. Yes.
- Q. Is that the category that we are talking about now?

- A. It would be the one above that, Private Practice in Psychiatry.
- Q. I see. And is this something that you -- is this a business that you own?
- A. Yes. I didn't incorporate it or anything. It's just Doug Smith M.D.
- Q. You don't have any partners working with you in that --
 - A. No, or staff.
- Q. And the private practice in forensic psychiatry that I first looked at, that has to do with your work as an expert consultant; do I understand that correctly?
 - A. That's correct.
- Q. Does it have to do with any work outside of your work as a retained expert in litigation?
 - A. No.

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- Q. What medication or medications do you most commonly prescribe to patients in your practice?
- A. Sure. It would be -- it wouldn't be exclusively. It would be antidepressants, occasionally antianxiety medications, occasionally medications to treat insomnia.

Page 43 That's it. 1 Q. Have you ever prescribed any 2. controlled substance? 3 Benzodiazepines, like Valium, 4 Ativan, yes, that would be -- and I have not 5 6 prescribed stimulants, I have not prescribed 7 opiates, I have not -- that's it. 8 Q. All right. If we turn over to the 9 following pages of your CV, we see a little bit 10 more about your work history, right? 11 Α. Yes. 12 And if you start at the bottom, 1.3 because it looks like they are kind of in 14 reverse chronological order here, you started with an entity called Northcoast Behavioral 15 16 Healthcare, correct? 17 Α. Correct. 18 Does that mean that was the first 19 job you took when you were completed with --20 when you completed your fellowship? 21 That's correct. 2.2 What is Northcoast Behavioral Healthcare? 23 24 Α. So the state psychiatric hospitals, which are probably -- were 60 percent then, 25

about 70 percent forensic now, my forensic interest, I sought work in a state psychiatric hospital, for that interest.

So this was a campus in Toledo.

Northcoast was three of the state psychiatric hospitals in Ohio, and they, because of stigma and so forth, the whole system got rid of the word "psychiatric" and so forth and the names, and in this case we were Northcoast Behavioral Healthcare.

- Q. Were you working with patients who were -- who were living at the hospital, or were these people who could come and visit you and then go back home?
- A. In Toledo, it was specifically people who were living in the hospital.
- Q. And what kind of work did you do there at Northcoast?
- A. Mostly direct care of patients on two -- we had four units. Two of the units were forensic. I did also some clinical administrative work, because there were no other forensic psychiatrists who actually had the training. So I revamped the system and set it up so people could actually get out of the

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hospital eventually and help the process.

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- Q. How did forensic psychiatry come into play in the context of treating psychiatric patients in a psychiatric hospital?
- A. So in the state system, the forensic mostly refers to people who have been found not guilty by reason of insanity, using an Ohio term, and/or not competent or possibly not competent to stand trial.

So we would treat individuals to help treat their illness, we would work with the courts a lot around the NGRI population, and eventually many of them would be released to the community on an out-patient program called conditional release, which is not what I was doing. I was doing the inpatient.

The competency to stand trial, you know better than I the laws, but we have a right to a fair trial, and it's not fair if you don't understand what's going on or can't work with your attorney. So we would treat individuals to help restore their capacity to have a fair trial, and then they might go back to jail and then to trial.

Q. Would you sometimes be called upon

Page 46 to render an opinion as to the competency of 1 somebody who might need to stand trial? 3 Α. Yes. Was that a routine part of your 4 Ο. job? 5 That's what we were -- we 6 Α. Yeah. 7 had to do that, as well as occasionally the opinion about sanity legally. 8 9 0. What do you mean, "Occasionally the 10 opinion about"? You would offer an opinion in a court of law as to whether or not a criminal 11 12 defendant was sane? 13 Α. Using the legal term, yes, we 14 would, yes. 15 Would you be a witness for the 16 state, in that kind of proceeding? 17 That's correct, yeah. We would be 18 the neutral, working directly for the judge, as opposed to either plaintiff or prosecution. 19 20 During your time at Northcoast --Q. Or defendant. Sorry. 21 Α. 2.2 Q. I'm sorry? 23 Α. I meant defendant or prosecution, 24 but, yeah. Okay. During your time at 2.5 Q.

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Page 47 Northcoast, did you have any oversight or direct responsibility related to the use of opioid medicines? I would say yes to that. So if you look further up the CV, I eventually became the medical director for all. Three of our psychiatric hospitals, Toledo, downtown Cleveland, and then Northfield, which is the main one at this point for Northcoast, and three outpatient programs. So we did have a group of pharmacists, and ultimately the head pharmacist did report to me. So I would have had oversight. Not that we prescribed a lot of opioids there, but yes, I would have had oversight of that, yes. Did you prescribe some opiates to patients in these psychiatric hospitals?

A. I didn't directly, because by then
I was in that medical director role, but it did
happen.

We had officially 3.7, but 4 internal medicine -- sorry -- three internal medicine, one family medicine person, they would do that prescribing.

Q. What were the occasions when opiates might be prescribed to a psychiatric patient, under your direction as the medical director for these psychiatric hospitals?

MR. KEARSE: Object to form.

A. Well, patients would come, and we would do a process called medical clearance, to make sure they didn't have a serious physical, medical concern that might compromise their health, because we didn't have cardiac telemetry to monitor their hearts and all that. It was all very -- we didn't do IV fluids.

So we needed, basically, physically healthy people, but some of them would come in already prescribed opiates for pain. We were not the place that started them, but if they came in with a known back injury, and they were going to be in the hospital for days or weeks, forensically, months perhaps, then our doctors would often -- we would send them out to specialty clinics, usually at MetroHealth if Cleveland, or Toledo would be University of Toledo, and then if we got recommendations that they needed ongoing medications, our primary care doctors would continue those.

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- Q. Have you ever prescribed an opiate, over the course of your career?
- A. I don't recall ever doing it. If it happened, it might have been in that Toledo hospital, years ago, direct -- directly caring for patients.
- Q. When did you first learn about the class of medications sometimes referred to as opioids?
 - A. Medical school.
- Q. What did you learn about opioids in medical school?
- A. Medical school, for me, would have been -- I finished in 1993, so it was a while ago, but basically we learned all the classes of medications, we had psychopharmacology classes and, quite frankly, most of what I learned was they were for pain, they were really mostly for extreme pain, cancer pain, end-of-life pain, and that we should be careful with them, because people could become addicted.
- Q. So you learned in medical school that opioids can have addictive properties?
 - A. Yes.

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Q. Is that something that you think is commonly taught in medical schools?

MR. KEARSE: Object to form.

- A. I don't teach that in medical schools. I'm assuming they haven't stopped teaching it though.
- Q. Did Northcoast Behavioral

 Healthcare, during the time that you had

 oversight as the medical director, have any
 prescribing guidelines in place for the
 prescribing of opioid medications?
 - A. I don't believe so.
- Q. Is it fair to say that the prescribing of opioid medications was left to the discretion of the primary care physicians who were interfacing directly with patients?

 MR. KEARSE: Object to form.
- A. I would say mostly. And the reason is that we did regular reviews of what was being prescribed of all types of medications across our system, and if we saw anything that appeared to be overprescribing or needless prescriptions, then we would have discussions about that.
 - Q. Did that ever happen, in the

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context of your physicians prescribing opioid medications?

A. One time. We -- my head pharmacist came to me, and I couldn't tell you the year, but 2006 or something, came to me and said -- let me step back.

I had physicians on call admitting patients telling me, "I admitted another person from Lake County," a county up north here, and it was rare that we had anybody on opiates, but what happened was they had several doctors tell me, in the course of a short time, all these patients were from Lake County.

So I asked that pharmacist to run a report and tell me, well, what percentage of the opiates we prescribe are coming from Lake County. The answer was 78 percent, and they were like five of our 260 beds, patient beds.

Anyway, so that's the one time I was aware, but it really was not us prescribing them, it was people coming in on them.

Q. So in this instance when your head pharmacist came to you and reported that he was -- he or she was seeing patients from Lake County being prescribed opioids, did you

Page 52 investigate? 1 I did. Α. 2. 3 What did you conclude, based on looking into that? 4 5 I took it to their director of their ADM Board, Linda Frazier, who is still 6 7 there, actually, in the role that Jerry Craiq is on our ADM Board. She was able to run not 8 9 names, because of HIPPA, but zip codes of who 10 was coming to the pain clinics in Painesville, 11 and people were driving from as far as Florida 12 to come to those pain clinics. 13

Q. Do you know if any action was ever taken by the Ohio Medical Board or any other entity in terms of prescriptions that were being made by pain clinics in Lake County?

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- A. Yes. Eventually they passed -- I don't remember the bill, but they called it the pill mill bill in Ohio, to go after the few, but there were some unscrupulous physicians who were just handing out opiates improperly and probably illegally, and they did shut them down eventually.
- Q. Are those sometimes referred to as pill mills?

A. Yes.

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- Q. Did you ever see problems with pill mills in Summit County? Setting aside what you saw in Lake County, did you ever see an issue with so-called pill mills in Summit County?
- A. I didn't see the issue, but we saw -- I remember one of our staff bringing us a photo of a hand-painted sign from the side of the road, you know, need opiates, call this number, kind of thing, but as far as actually seeing the pill mill, I did not.
- Q. Well, I don't mean necessarily seeing it with your own eyes. My question really to you, Dr. Smith, is whether or not you were aware of specific instances of pill mills in Summit County?
- A. I wasn't fully aware. Our addiction specialist told me he wondered about a particular practice in Summit County, whether they were giving -- they were overprescribing opiates.

I don't believe it got investigated for that at any point, because the main physician there got in separate legal trouble for some other problem. I don't remember

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Page 54 whether it was fraud or something, but it was not about opiates, but eventually got in trouble for -- and then that clinic vanished. Okay. So in your work at Northcoast, and up to today, you can't identify any specific instance in Summit County where there was a practice that you would characterize as a pill mill? Well, the definition was they had to -- 50 percent or more of their patients were getting opiates, was, I think, the way the law characterized it, and I was not aware, other than, again, a pain clinic, which is the one where this doctor was at, which may or may not have been legitimate, because I'm not the -- ADM doesn't investigate those things. That's the only one I was even lightly aware of.

- Q. So the answer is you're not aware of any specific instance where you determined, within Summit County, that a particular practice was a so-called pill mill; is that --
 - A. Correct.
- Q. -- correct?

25 Are you aware of physicians at

Page 55 Northcoast Behavioral Healthcare ever making 1 2. illegitimate prescriptions of opioids to 3 patients? Α. 4 Never. Are you aware of any hospitals 5 within Summit County who made illegitimate 6 7 prescriptions of opioids to patients? Α. No. 8 9 Are you aware of any particular 10 medical practices, that you can identify for us 11 within Summit County, who made illegitimate prescriptions of opioids to patients? 12 13 Α. No. In May 2012, you became the chief 14 clinical officer for the Summit County ADM 15 Board, correct? 16 17 Α. Correct. 18 And then I see in parentheses, it also says medical director. Is that -- can you 19 20 explain the difference, if there is one, between chief clinical officer and the medical 21 2.2 director? There is no difference. 23 The Α. law defines the chief clinical officer, if you 24 look at the Ohio Revised Code, says the medical 2.5

director of.

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I did that because, until coming to Ohio, I never heard the phrase "chief clinical officer," and so others looking at my CV might not even know what that was, so on the CV I put both names.

- Q. Why did you decide to join the Summit County ADM Board in May 2012?
- A. So from my vantage point at the state hospital, all three sites, we saw the ADM Boards from the Indiana border to the Pennsylvania border, and during my many years there, Summit County was always the best.

They always had the best array of services, seemed to be the most collaborative.

Again, I don't know about the southern part of the state, but northern part of the state, they were the best.

So Dr. Munetz, who was in my role prior to me, approached me. He was in the process of moving fully into NEOMED, the medical school, as their chair of psychiatry, and I thought about it a fair amount and decided that that was a pretty good opportunity, just a change of -- change of

pace, but to come to the best board I had seen for over a decade, and that was the reason I entertained that.

- Q. When you described the Summit
 County ADM as the best board you've seen, can
 you just tell us a little bit more about why
 you think that's true?
- A. Certainly. So most responsive to new areas that need attention for treatment; most responsive to filling gaps in the care -- the continuum of care; leaders, as we still are, in a number of areas, even nationally, like crisis intervention team, training of police officers, assisting in outpatient treatment.

So it was an opportunity to, you know, to work with a group that already had a good track record, and then tried to help further that.

- Q. Were there particular issues that you were interested in that you thought this new position would give you an opportunity to address, when you made the decision to go from Northcoast over to the Summit County ADM Board?
 - A. Yes. Forensically, the -- our

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Page 58 board was and is known in our area, actually, here in Summit County, for working hard on jail diversion, so forensic-type topics. So we really try hard to have a system where individuals do not end up in jail because of mental illness, disorderly conduct -- I mean, we really try hard to have them go get treatment through our system, and so that, for me, was a big draw, to be able to do that. That was not something I could deal with from the state hospital vantage point. So to do that in a reasonable-sized county, with a good group of people who were already thinking in the same way, was one of the reasons I thought it was a good place to work.

Q. Okay. Anything else that stands out in your mind as something you were very interested in and a reason why you wanted to join the Summit County ADM Board?

MR. KEARSE: Object to the form.

A. I think I gave you the big ones.

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(Thereupon, Deposition Exhibit 2, 2014 Annual Clinical Report for ADM

Page 59 Funded Programs and Services, 1 2. Beginning with Bates Label SUMMIT 3 833675, was marked for purposes of identification.) 4 5 6 0. Now, I have set a document in front 7 of you that I've marked as Exhibit 2 for purposes of this deposition, and this is a 2014 8 9 annual clinical report that has to do with the 10 Summit County ADM Board; do you see this 1 1 document? 12 Α. Yes, I do. 13 Is this something that you are familiar with? 14 15 Α. Yeah. I haven't seen it in a few 16 years, but, yes, I have certainly seen it. 17 And it says at the beginning that 18 it has an executive summary that describes the 19 ADM Board as a special purpose government 20 agency; do you see that? 21 Α. Yes. 2.2 Q. Do you know what that means? 23 Yes. So you can see Ohio Revised Code is listed here. 24 The Ohio Revised Code section 340 2.5

defines the legal entities known as ADM Boards. Some places call themselves recovery service boards or ADAMHS boards, but same idea.

And so it sets is apart as a separate special government agency to deal with -- and you can see it here -- the planning, funding, monitoring and evaluating treatment of prevention services for all the county residents for alcohol, drug addiction, and mental health services.

- Q. What does it mean that the ADM Board is a special purpose government agency?
- A. So we are very focused on that relatively -- it cuts across a lot of people, it's a broad thing, but it is a very focused mission purpose, compared to other government agencies.
- Q. Are there other entities in Summit County government that are focused on drug abuse, addiction, addiction treatment and the issues that the ADM Board are focused on?
 - A. Government agencies?
 - O. Yes.

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A. So the -- originally, no. I think because of the opioid epidemic, the Summit

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County Health Department, because it became a public health issue, has also been a partner with us and others on this, yes.

Q. When would you say that the public health department for Summit County became, as you put it, a partner to the ADM Board, in terms of addressing opioid abuse?

MR. KEARSE: Object to form. I think he said "epidemic," but go ahead.

Mischaracterizes his testimony.

- A. Late 2013, early 2014.
- Q. What happened at that time?
- A. Two things. One, we moved our prior location to the same building as public health, so we were co-located, which is very good for integrated medical care in the first place; and then during 2013 is when we first were becoming aware of the numbers of people dying from opioid overdoses, and we started to work on pulling together an opiate task force.
- Q. Did you say 2013 was the first time you learned that people were dying from opioid abuse?
- A. It's the first time that -- it's when -- not the first time. It's when the

Page 62 people around the county started talking about, 1 2. wow, we need to do something about this. 3 So your testimony today is that 2013 is the first time people in the county 4 started to talk about the impact of opioid 5 6 abuse --MS. KEARSE: Object to form. 7 -- within Summit County; is that 8 Q. 9 your testimony? 10 MR. KEARSE: Object to form. I'm 11 sorry. I apologize. I thought he was finished 12 with his question. 13 0. Go ahead. So 2013 is the first time that I 14 15 became aware that people were discussing, wow, 16 we have a real issue here. 17 Okay. We are going to look at some documents from earlier than that. Would that 18 19 surprise you? 20 MR. KEARSE: Object to form. 21 No. I mean, once we learned about 22 it, we ran data for 2012, for example, so we had that information. Again, I didn't get 23 there until May 1 of 2012, so relatively early 24

in my time, I learned that there was an issue.

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Q. Okay. So you are saying, today your testimony is, that it wasn't until you arrived at the ADM Board in May of 2012 that you recognized that there was an issue in Summit County in connection --

MS. KEARSE: Objection. Form and argumentative.

MR. BOEHM: I'm sorry. I'm not even done yet. Let me finish my question.

MR. KEARSE: Well, you are badgering the witness. You are being argumentative.

So if you have a question or a document you can show him --

MR. BOEHM: If you want to make an objection, Anne, you wait until I'm done with my question, and then make your objection, and it should be to form. I don't need you stopping me in the middle of my question to make an argument. I don't want that to happen today, and that's inappropriate. You shouldn't be doing it. Please don't do that.

If you want to object when I'm done, you have every right to do that, but not in the middle of my question, not appropriate,

Page 64 please don't do. 1 2. MR. KEARSE: I'm going to ask you not to argue with the witness, and if you have 3 a question, ask the question, if you have a 4 document, show him a document. We are not here 5 to argue or be rude to the witness. 6 7 MR. BOEHM: I'm not being rude to the witness, but you are being rude to me. 8 9 Let's not waste time, okay? MR. KEARSE: I'm not the one 10 11 wasting time. 12 Dr. Smith, is it your testimony 13 here today that you did not know that there was 14 an opioid abuse problem happening in Summit 15 County, until you arrived at the ADM Board in 16 May of 2012? 17 MR. KEARSE: Object to form. 18 Α. I don't know that I can answer the 19 question using the phrase "opiate abuse," but I 20 was not aware that there was a great increase 21 in overdose deaths until 2013, that's correct. 2.2 Q. Until 2013? 2.3 Α. Correct. 24 Q . And what is your understanding as to when you think that increase in deaths took 25

Page 65 place, in relation to opioid abuse? 1 2. MR. KEARSE: Object to form. 3 Well, after 2013, as we saw this, Α. we started looking at data. The department of 4 health created a graph that shows, actually, an 5 6 upward trend, starting in about 1999, all the 7 way -- well, at that time through 2012 was the data they had, that's most of the graphs, but, 8 9 unfortunately, that graph kept going up after 10 that. 11 Okay. And that's something you Ο. 12 didn't know about until 2013? Correct. 1.3 Α. Okay. We are certainly going to 14 0. 15 come back to that. 16 Just to stay with this document 17 here --18 Α. Sure. -- that's marked as Exhibit 2, the 19 20 executive summary, in describing the ADM Board, 21 refers to alcoholism, drug addiction and mental 22 illness; do you see that? 23 Α. Yes. 24 Is it fair to say that those are, kind of, the three broad categories that define 25

the mission of the Summit County ADM Board?

Α. Yes.

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- Ο. The next sentence there says that the board does not provided any direct service, but contracts with local agencies to provide services. What does that mean?
- So we are a funding entity. We bring in -- about 80 percent of our dollars come from a local levy real estate tax, 10 percent federal, 10 percent state dollars, and then we, as a team, about 20 of us, we then fund partially or sometimes entirely about 25 agencies across the county who are focused on either alcohol, drug addiction or mental health services or both. Some do both.
- So the ADM Board itself doesn't provide the services directly to individuals in the county?
 - That's correct. Α.
- So when you said that your work as the medical director for the Summit County ADM Board is a clinical position, tell us what you mean by that, in light of the statement that the ADM Board does not itself provide any services directly to patients?

A. Sure. So the role for myself and another handful of clinicians at the board, is that we help the board determine where dollars might be spent for -- to fill gaps and improve patient care cross the system, and then we also go out and evaluate, to make sure we are getting good clinical outcomes from the money that we are spending on that care.

We need to be able to share with the public, it is their dollars after all, that we are getting good bang for the buck --

- Q. How do you --
- A. -- clinically.
- Q. I'm sorry.

How do you go about ensuring that you are getting good bang for the buck from the contractors who are actually rendering the services that you are funding?

- A. So again, our team does audits on a regular basis, looking through the charts clinically, as well as our fiscal side does fiscal audits of all the claims made, all the billings made, to make sure the patients are getting the care they need.
 - Q. Are you involved in that auditing

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Page 68 process? 1 Α. I review the -- some of the audits after the fact. I'm not the one 3 usually -- I've been to some, but I'm not 4 usually the one sitting there going through the 5 6 charts. 7 You go and visit the facilities that are rendering the services? 8 9 Α. Yes, regularly. 10 And you survey the level of care 11 that's being provided? 12 Yeah. I look at the level of care, Α. 1.3 and then if there are challenging individuals 14 in the system that are touching more than one 15 agency, I can call, which I do regularly, 16 what's called a case conference, and 17 everyone -- kind of like this, the room is 18 usually full, and we walk through the case and figure out where can we give better services to 19 20 help that particular person. 21 Has there ever been an occasion 2.2 where you felt that the services being provided 23 by the contractors but funded by the ADM Board 24 were subpar? There are certainly cases where we 2.5 Α.

are not getting the outcomes that we would like, and then we have meetings and discuss it with -- they get better.

- Q. How do you go about addressing those types of problems?
- A. A number of ways. I mean, obviously, we hold the dollars on some of those things, so we are able to say, well, we want to do more with the funding in this area than that area.

We have a process by which agencies can request to add a service. We only really will to do that if it is an evidence-based practice, so there is research behind it that says, if they do it this way, we will get these outcomes, because sometimes outcomes take years, so we're not going to -- it's not like every six months we can say, hey, did you cure X number of people? So we're looking out.

So more of the ways that we can have checks and balances on it, and then help them improve the service they are providing.

Q. I've marked this document as Exhibit 3.

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Page 70 (Thereupon, Deposition Exhibit 3, 1 2. 2018 Budget For the Summit County 3 ADM Board, Beginning with SUMMIT 897931, was marked for purposes of 4 5 identification.) 6 7 And you will see that it is a 2018 0. budget for the Summit County ADM Board that was 8 9 presented to the board of directors on July 15, 10 2017; do you see that? 11 Yes, I do. Α. 12 I'll direct your attention to page 13 10 of this document, which looks to be an organizational chart for the ADM Board. 14 15 Α. Yes. 16 You made reference to a board of 17 directors for the ADM Board, right? 18 Α. Yes. 19 And that's what we're seeing at the 20 very top of this chart? 21 That's correct. Α. 2.2 How many members of the board of directors are there? 23 2.4 Fourteen. Α. And how are they selected? 2.5 Q.

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A. I believe that eight of them have to be approved through the Ohio Department of Mental Health and Addiction Services, and they look for a range of individuals, including people maybe with their own lived experience, with no health or addiction, and the other six are appointed here locally, and I believe they have to be officially approved by the county executive.

It gives us both the local and the state picture, gives us the perspective of many people in the community. We have got a couple of attorneys. It gives us a broad look at what's going on.

- Q. Do you have any medical doctors on the board of directors?
 - A. Yes, we do.
- Q. Who do you have on the board of directors who are --
 - A. I believe we have --
- Q. I'm sorry. You got to wait until I'm finished, and then you can start.

My question was --

MR. BOEHM: I think you got it.

Did you get my question?

Page 72 How many members of the Summit 1 County ADM board of directors are medical 2. doctors? 3 One. Α. 4 5 Ο. And who is that? Dr. Todd Ivan. 6 Α. 7 What kind of practice does Dr. Ivan 0. have? 8 He is a consult liaison 9 Α. 10 psychiatrist at Summa. 11 Q. Is it I-V-A-N? 12 Α. Yes. 13 Q. What is Summa? One of our two large healthcare 14 15 systems here. We have Summa, and then we have 16 Cleveland Clinic/Akron General. 17 Are any ADM employees or staff also members of the board of directors? 18 19 That wouldn't be allowed. Α. No. 20 What about Mr. Craig, is he a Q. 21 member of the board of directors? 2.2 Α. So, yeah. He would be -- he is, but he reports to the board. So however that 23 24 works. Q. He reports to the board, but my 2.5

Page 73 question is, is he, in addition to being the 1 executive director for the ADM Board, is he also a member of the board of directors? 3 I don't know if there are subtle 4 Α. distinctions or not about that. I know that if 5 they go in executive session, he's in there 6 7 with the board of directors generally. Do you ever attend board of 8 Q . 9 director meetings? 10 Α. Most of them, yes. 11 How often do those occur? Q. 12 Α. Eleven times a year. 1.3 Q. Okay. So almost monthly? 14 Α. Yes. There is one month when it doesn't 15 0. 16 happen? 17 Yeah. Because they are at the end 18 of the month, the November one would conflict, as it would next week, with Thanksqiving week. 19 20 So they have one in early December that covers both November and December. 21 2.2 Ο. And you said there is something called an executive session? 23 2.4 Α. Yes. 2.5 Q. And that's not open to the public?

Page 74 Α. Correct. 1 Are there minutes kept of the 2. Q. executive session? 3 I honestly don't know, because I 4 wouldn't see them, if they did. 5 Are there minutes kept of the 6 7 public session of the board of director meetings? 8 9 I believe, yes, for that. 10 And do those get circulated to members of the ADM Board? 11 12 Α. Yes. 13 Q. Is that something that you see on a regular basis? 14 15 Α. Yes. 16 Q. Do those get emailed? 17 Α. I'm sure they must. Is that how you receive --18 0. 19 We don't print very much stuff, Α. 20 yes, so, yes. 21 What do you understand the board of 2.2 directors' duties to involve? 23 They are there to ensure the mission of the organization, to make sure the 24 money is being spent wisely, to -- so we use a 25

structure called policy governance, and under that structure, they have certain duties, that they then hold Jerry Craig accountable as the director, and then ultimately, of course, he holds the rest of us accountable to him.

Under policy governance, they have a global ends, they call it, list of things that we are -- Jerry is supposed to accomplish with his staff, and they review those parts of them each month, so they are all reviewed annually.

- Q. Did you ever receive any instruction, in connection with the filing of this lawsuit, to preserve materials that you might have in your possession, whether it be electronic materials on your computer or in hard copy, to preserve those materials, to the extent they relate to issues that are alleged in the complaint?
 - A. Yes.

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- Q. Do you remember when you received that?
- A. I don't recall. I think it was, again, maybe early 2018.
 - Q. Do you ever interact directly with

members of the board of directors, in terms of them making a request to you for something?

A. There is a meeting called the assurance committee.

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- Q. I'm sorry. Assurance?
- A. Assurance, yes. So the assurance committee will ask -- ask to talk about certain data occurring in the county, most commonly that's deaths by suicide. It might be other things that have come to their attention, and then generally, both Aimee Wade, you can see on here, she's really my counterpart with the clinical team, and I, we attend that meeting and bring them data and have discussions.
- Q. Why is it most commonly death by suicide that the assurance committee is interested in?
- A. Important topic, we would like to drive those down.
- Q. Are there other examples that you can recall in your time at the Summit County ADM Board where the assurance committee has come to you with a particular request on a subject?
 - A. I mean, we review, sometimes, other

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types of data in there. It depends on what -often it's what they have heard in the board
meeting, they will then say, hey, we kind of
like to hear more about X.

It might be administrative discharges from our residential treatment program, for example. So we have people going in there getting care for alcohol or drug addiction, and then they don't finish their stay, because maybe they were using substances, maybe they were fighting with other people and they get kicked out, basically. They want to review that and make sure we are not, basically, spending money for nothing. You don't want to spend the money for somebody to be there for 20 days and then throw it all away because they -- so that kind of stuff we've looked at.

- Q. Are there any other examples that you can think of where the assurance committee has come to you requesting specific information about a specific issue?
 - A. No. Those are the two main topics.
- Q. Now, if you look to the far left of this organizational chart, I think we see your

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      name, Doug Smith M.D., Chief Clinical Officer;
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      do you see that?
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            Α.
                  Yes.
                   That's you, right?
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            Α.
                   That's me.
                  And you have the names of three
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            Ο.
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      individuals who appear to report to you; is
      that right?
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                  That's correct.
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                  Mr. Aaron Ellington,
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      Mr. Christopher Freeman-Clark, and Ms.
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      Christine Smalley, right?
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            Α.
                   That's who is listed, yes.
                  Are those the individuals who
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            Q.
      are -- -- all of those individuals still at the
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      ADM Board?
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            Α.
                  No, they are not.
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            Ο.
                   Who is not there anymore?
            Α.
                   Christine Smalley is no longer.
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                                                      Wе
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      are in the process of filling that position.
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                   So that position is not filled
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      right now --
23
            Α.
                  Correct.
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                   -- it's vacant.
            Q.
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                   What about the other two?
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A. Both are there.

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- Q. What are the responsibilities of Mr. Ellington and Mr. Freeman-Clark?
 - A. Okay. So actually Dr. Ellington --
 - Q. Oh, sorry about that.
- A. -- he's a psychologist. We, Jerry and I, and maybe others contributed, but we decided that, in order to, again, better verify that we are getting the best outcomes for the money we spent, we decided to hire somebody who could really be focused on evidence-based practice, and we created a position, we went looking, we found Dr. Ellington, he's excellent.

So his role is to make sure that we are asking the right questions when we are looking at services our agency is providing, and also then to vet requests from other agencies, saying, "Hey, we would like to add" -- recently we have done a big program on cognitive behavioral therapy, and so his job is to make sure we are structuring it right, that we are doing it faithfully to the model that was -- exactly the way the research was done. So fidelity to the model is the phrase.

And then he follows that, and he will visit them, he will make sure that things are happening in the way they are supposed to.

Chris Freeman-Clark is our forensic monitor and the title coordinator of forensic services. What that means is that he's in the court a lot. He is there to watch and make sure things flow smoothly, and really to educate the judges, who often don't get a lot of education in mental health law, for the individuals in Summit County on conditional release, who have been found previously not guilty by reason of insanity.

So he helps that and works closely with community support services, which is the agency that treats all those individuals.

- Q. Are either of these individuals particularly focused on the issue of opioid abuse?
 - A. No.

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- Q. When you look over the organizational chart overall, are there any individuals that you see who are particularly focused on the issue of opioid abuse?
 - A. Yes. Most squarely would be Kim

Patton, our addictions prevention and training coordinator, and because Christine Smalley is not with us right now, Dr. Ellington has at least been attending our -- what used to be called wait-list meeting, that is people waiting to get into residential treatment services.

I believe they just told me they changed the name last week. I honestly don't remember the name, but something like Access or something, because it is not really a wait list, because most people are not waiting there in jail or something, and we can't exactly say they are waiting, because they can't just come in today, but it's an access issue.

Mostly through Kim Patton,
some would -- it's touched all of us in the
recent years. Beth Kuckuck, who does the
children program, certainly the opiate issue
has come up in the adolescent hospitalization.

And then Eric Hutzell is our main data person, so he would see all the data, creates the charts and graphs that we put out at our quarterly opiate task meeting and so forth. So he sees a lot of data on opiates, as

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Page 82 well as mental health and so forth.

- Q. Anybody else on this list focused on opioids?
- A. Well, the entire fiscal side is paying a lot of claims for people being treated for opiate use disorder, and obviously then Jerry Craig and the board of directors certainly have been watching that carefully and providing -- and Jerry particularly, providing a lot of leadership for us and for the county around -- and sometimes at state meetings, you know, dealing with the sad deaths from the opiates.
 - Q. Anybody else?

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- A. Well, I think I, sort of, covered everybody.
 - Q. You said that those on the fiscal side are, I think you said, paying a lot of claims?
 - A. Yes, that's correct.
 - Q. What do you mean by that?
 - A. Well, so they are the ones -- so the money, as I said, we are a funder, so a good proportion of our staff are focused on making sure claims get paid. So as agencies

Page 83 bill for services that Medicaid and other 1 2. insurances don't pay for, then they are processing those claims, and when we have our 3 meetings and talk about it, it's clear they 4 have been processing a lot of claims for opiate 5 use disorders. 6 7 And do they calculate what the costs are to the Summit County, related to the 8 issue of opioid abuse? 9 10 Α. I'm sure they have. 11 Do you know what those amounts are? Q. 12 Α. I do not. 1.3 0. Who would we talk to at the ADM 14 Board to try and figure that out? 15 I'm sure Jerry Craiq is aware; 16 otherwise, Jennifer Peveich is our director of 17 operation. She is also our chief financial 18 officer. So she is the expert on that. 19 You made reference in one of your Q. 20 earlier answers to a state entity, I think it 21 is O-M-A-S, did I get that right? 2.2 Α. Yeah. It's the Ohio Department of Mental Health and Addiction Services. So they 23 often say OHMAS. 24 Q. OHMAS. Ohio Department of Mental 2.5

Page 84 Health and Addiction Services, right? 1 2. Α. Correct. 3 Ο. What is that? So when I was working at the state 4 Α. hospital, I think the entire time actually, we 5 6 had two separate departments. So these are 7 departments who have directors that report directly to the governor. 8 9 So the Ohio Department of Mental 10 Health and the Ohio Department of Alcohol/Drug 11 Addiction Services, they merged probably July, 12 I believe, like somewhere around July 1, 2013. 1.3 Maybe it's a little off on the date. So they 14 merged into one department, so they could focus 15 on, kind of, everything about the brain and be 16 more efficient. 17 Is it still called OHMAS? Q. 18 Α. Yes. 19 Is there some relationship between 20 the Summit County ADM Board and the state 21 agency, the Ohio Department of Mental Health 2.2 and Addiction Services? 23 There is, in that we frequently Α. have discussions, we sit on committees that 24

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they may run, and then about 10 percent, it's

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increased as far as opiate money, I think, because of the Cures Act and other things, but then they receive moneys at the state level, which they then parse out to the counties.

funding for that. They send us funding for -to help fight deaths by suicide as well. And
so their role is pretty broad, and they -- so
then their -- I do talk pretty regularly with
the medical director -- well, I should say
medical director recently became director of
OHMAS, when the prior director left for a
different job. All the cabinet members are
looking for jobs, because our governor is going
to change, so...

- Q. If I understand you correctly, the Summit County ADM Board receives some of its funding, some of its dollars, from this state entity, the Ohio Department of Mental Health and Addiction Services?
 - A. Correct.
- Q. Is it also true that some of the dollars that Summit County receives for the ADM Board come from the federal government?
 - A. Yes.

Page 86 MR. BOEHM: Okay. Let's go off the 1 2. record. 3 THE VIDEOGRAPHER: Off the record, 10:17. 4 5 (Recess taken.) THE VIDEOGRAPHER: We are back on 6 7 the record, 10:34. Welcome back, Dr. Smith. 8 Q. 9 When you took this role as the chief clinical officer at the Summit County ADM 10 11 Board in May 2012, how much did you already 12 know about opioid addiction and its impact on 13 Summit County? As of May 1, 2012, not much. 14 15 Ο. Did you know anything? 16 I wasn't -- again, I came in with 17 forensic experience, which they were looking 18 for, and, no, opiates was not part of my hiring 19 discussion or anything like that. 20 Did you know that issues related to 21 opioids would be a part of your duties and 2.2 responsibilities, once you joined the ADM Board 2.3 as its medical director and chief clinical 24 officer? Sure. Alcohol, Drug Addiction, 2.5 Α.

Mental Services Board, I was certainly aware that was part of the scope.

- Q. But there wasn't anything particular about opioids that you understood would be a part of your responsibility; is that fair?
 - A. That's fair.

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Q. When you joined the ADM Board in May 2012, what steps did you take, if any, to ensure that you were fully up to speed on the subject of opioid addiction, including causes of the levels of addiction and impacts on the community?

MR. KEARSE: Object to form.

A. So most of what I did, when I first joined, is I went and met with anybody and everybody at every agency, and the mayor and the county executive, and basically, you know, asked what current issues were, and mostly said I'm here, here's who I am, here's my expertise, if you need me.

There was initially no cause, that I was aware of, to do anything particular about opiates.

Q. You don't recall opioids in

Page 88 particular coming up in any of your 1 2. conversations, in your meetings with everybody and anybody? 3 MR. KEARSE: Object to form. 4 I'm sure it came up, because we 5 6 would look at, you know, claims data, things of 7 that nature, but I don't recall any specific discussions until 2013. 8 9 You indicated that you also met 10 with the county executive when you joined the 11 ADM Board? 12 The former one, yes. Α. 1.3 Q. The former one. Who was that? 14 Α. Russ Pry. 15 0. When did Mr. Pry leave his position 16 as the county executive? 17 Unfortunately, he passed away, 18 probably two years ago now. 19 What is the relationship between 20 the ADM Board in Summit County and the office 21 of the county executive? 2.2 So, you know, although we -- so I don't want to over -- make it sound that 23 24 separate. So we do have a separate board of 25 directors, but we are on the county payroll, we

Page 89 use the county Cronos system. 1 2. So we really are county employees. 3 All my paychecks come from the county and so forth. It's that we have some separate 4 leadership role, separate from the county 5 6 executives, so again, because Jerry Craig does 7 not directly report to the county executive. What is the relationship between 8 Q. 9 the Summit County ADM Board and the Summit 10 County Office of the County Executive? 11 I guess it depends -- I don't know. 12 It's between Jerry and Ilene Shapiro, how they 1.3 play that. 14 Does Mr. Craig report in any way to 15 Ms. Shapiro? 16 He does not. I will say that our 17 budgets do have to be reviewed by the county 18 council. Everything -- all of our health and 19 human services agencies go through the SSAB 20 review process, and I'm lacking in what that 21 acronym means. 2.2 But anyway, that is a Social 23 Services Advisory Board, I think is what it is. 24 So they review it, so I mean, we are very 25 connected to the county, but the county

Page 90 executive can't directly tell Jerry what he 1 2. must do. There is a place where there is a 3 separation. O. You said that the council reviews 4 ADM Board budgets, right? 5 6 Α. Yes. 7 Do they approve ADM budgets? Ο. I believe through them and SSAB, 8 Α. 9 they do approve it, yes. 10 Q. What is SSAB? 11 Α. Social Services Advisory Board, I 12 believe. 13 Q. Is that an entity under the county executive? 14 15 I'm sure it might be. I don't 16 honestly know. Again, I do clinical, but, yes, 17 I believe they are all tied to county, and they 18 are all reviewing to make sure that the budget 19 is appropriate. It is an extra oversight 20 beyond our board of trustees. 21 Does the office of the county 2.2 executive also review and approve the ADM Board annual budget? 23 2.4 Α. Not directly no. Who on the county council is most 2.5 Q.

directly involved in the goings on of the Summit County ADM Board?

- A. I honestly don't know.
- Q. Do you have any interaction with anybody on the Summit County Council, as part of your professional duties?
- A. No. I did go before them once to promote them doing a -- I forget what you even call it, but anyway, to officially decree that we would be a stepping-up county, that is a forensic issue, where we are trying to do, again, jail diversion. That's a nationwide approach. Each county, it's hoped, will sign that. So I'm the one who went before them and presented that, and they did approve it.
 - Q. Okay. When did that happen?
- A. Probably three and a half years ago.
- Q. You indicated that when you took this position on as chief clinical officer and medical director for the ADM Board, you met with everybody and anybody to introduce yourself and to, I take it, to understand their understanding of their needs and how the ADM Board could help; is that a fair summary?

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MR. KEARSE: Object to form.

- A. It was really more about how they thought I would be able to help. My phrase to every one of them was, I want to be a value add, so here is who I am, here is my background, reach out to me, if you need something I could help with.
- Q. Do you recall, in those conversations, individuals saying, yes, here is something you could very much help us out with?
- A. That did not happen much. I think people were okay, and they had to wait and see who I was and so forth. Some of them were such politicians that they spent the time trying to figure out what committee they could appoint me to, so...
- Q. Did that happen at all, did anybody ever raise a particular issue with you, in those meetings?
- A. In one meeting I recall, this is happenstance, I was meeting with Donna Skoda, who is our director of public health, and it happened that she got a phone call during the meeting, there two others in the room, public health, and it had to do with refugees, another

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topic I was unfamiliar with, how we would receive refugees, and then our process to help get them the care they needed and so forth.

So that was one time where it happened simply because I was in the room at that time.

- Q. Did you meet with specialists in addiction medicine?
 - A. Sure.

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- Q. What did you -- what was the purpose of your meetings with addiction specialists?
- A. They were part of the everybody that I was meeting. So I met at the Summa, at St. Thomas, we have Ignatia Hall, which is an inpatient detox unit, so I met with Dr. Labor, who is their -- was, actually, I don't think she's there now, but their addiction specialist.

Along the way, I'm sure I met with Dr. Shane, who is also part of that system, Dr. Garry Thrasher who is our out -- not really outpatient, but sub-acute detox program leader.

Q. Did you meet with healthcare providers at Summit-County-affiliated hospitals

Page 94 or practices? 1 Α. Yeah, as I just described. 3 Did you meet with the service contractors that ADM pays to handle the 4 5 services it wishes to provides to residents of Summit County? 6 7 Α. Yes. I went to many of the agencies. 8 9 0. In any of those conversations, did 10 the issue in particular of opioid abuse, use or 11 any issues surrounding that come up? 12 In 2012, no, not that I recall. Α. 13 Ο. Your view is that it wasn't really 14 on anybody's radar in 2012; is that right? 15 I would say that is an 16 overexaggeration. I would say it --17 How would you describe it? 0. 18 -- didn't come up, as a topic of conversation in the meetings I was in in 2012. 19 20 Why do you think it didn't come up? Q. 21 They didn't feel they needed it to 2.2 be something that I was -- they didn't talk to 23 me about it, I guess. 2.4 Q . All right. Let's turn to the beginning of this exhibit. It's Exhibit 3. 2.5

Page 95 is the 2018 budget. 1 Does the ADM Board prepare a budget 3 every year? Α. Yes. 4 Who was responsible for its 5 6 preparation? 7 Α. That would be our director, Jerry Craig, and our director of operations, also 8 9 CFO, Jennifer Peveich. 10 Anybody else involved in the 11 preparation of the budget? 12 I believe that Aimee Wade plays 13 some role in looking at it. I'm sure I've seen it along the way, but again, I'm clinical, I 14 don't do the money stuff. 15 16 Do you review or approve the Ο. 17 budget? 18 Α. No. 19 Now, this 2018 budget, I'll 20 represent, is the most recent one we have been 21 able to find, from the production in the 22 litigation. It looks like this one was 23 presented to the board of directors on July 25, 24 2017. 2.5 Do you know if there has been a

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more recent budget for -- for example, for 2019, that has been presented to the board of directors?

- A. I believe one is in process, but I don't know that I've seen it, and again, if I do, I mostly just glance at it. It's not my purview.
- Q. Why do you have an understanding that one is in process; have you seen one?
- A. I believe that I saw one. I have to say, just my schedule, I missed a couple of board meetings, so that it might have happened, you know, July or August, and I was not at all the meetings. So it is possible that it occurred.

I believe Aimee Wade and I were talking, and she mentioned something about a budget.

I also know that we are in a levy year, meaning that next November we are on the ballot to get our levy renewed, every six years. So I know there is discussions going on about how to plan for that budgeting. So I'm certainly aware of that.

Q. Okay. Is it your understanding

Page 97 that there is a 2019 proposed budget that has 1 been circulated among the members of the ADM 2. Board? 3 MR. KEARSE: Object to form. 4 I believe there must have been, but 5 6 I don't know anything about it. 7 Would you ever receive that by 0. email? 8 9 Α. Possibly. 10 Now, I want you to turn just to the 11 next page of the budget, Exhibit 3. Does this 12 page reflect the Summit County ADM Board's 13 sources of revenue? 14 Α. Yes. 15 0. And it looks like -- well, let me 16 back up. 17 These are the funds that the ADM 18 Board uses to fund its operations; is that right? 19 20 Α. Yes. And these are the funds it uses to 21 2.2 fund all of its operations; is that right? 23 Α. Almost all of the operations, yes. 24 Are there sources of funds that are Q. not reflected here? 25

Page 98 MR. KEARSE: I'm going to object to 1 2. And I'm just going to have an objection to going into detail. You can ask him general 3 questions about the budget, but he has 4 already --5 6 MR. BOEHM: I don't want any 7 coaching. 8 MR. KEARSE: I'm just saying, he has already testified he's not familiar, he 9 10 doesn't --11 MR. BOEHM: You can object to form. 12 Don't coach the witness. 1.3 MR. KEARSE: I'm putting the objection on the record to going into a 14 15 document that he has already said he's not 16 familiar with. 17 MR. BOEHM: You have done that, and 18 it's not appropriate for you to coach the witness. 19 20 MS. KEARSE: I'm not coaching the 21 witness, counsel. MR. BOEHM: Object, and then stop. 2.2 23 MS. KEARSE: I'm objecting to going in to spend time -- I said, go ahead and answer 24 25 the question.

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MR. BOEHM: He can answer whatever he can answer. That goes without saying. You don't need to make a speech about it.

MR. KEARSE: You don't need to be so rude.

MR. BOEHM: Object, and then stop, please.

Can you go back up to the question that was pending.

- Q. My question to you is whether or not there were funds at the disposal of the ADM Board that are not reflected here?
- A. So again, these are projected, but we do, on occasion, where we can, we will apply for grants to leverage our money.

So in other words, if we can -- if we are going to work on a program, and we know we can get an extra \$50,000 from the Bureau of Criminal Justice, for example, to do a forensic project, and we have to match it or something, where we can take our 50 grand and turn it into a hundred, we will do that.

- Q. Okay.
- A. So that usually happens. Not huge dollars, but that does add to it.

- Q. Grants would not be reflected on this summary?
- A. Correct. We wouldn't know about them in advance to project them.
- Q. Okay. It looks like this is broken down into three categories: federal, state and local; is that right?
 - A. It appears that way, yes.
- Q. And the federal and state are funding sources that come from outside of Summit County, right?
 - A. Correct.

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- Q. And then the local, those are dollars that are from Summit County; do I understand that correctly?
 - A. Yes.
- Q. And then, of course, grants, those would also be from outside the county, right?

 MR. KEARSE: Objection.
 - A. Correct.
- Q. In terms of the funds that are outlined here, are these earmarked for specific purposes, or can the ADM Board use these dollars in whatever way they see fit?
 - A. I don't know the full answer to

that. There are, again, like 25 agencies, so they certainly have planned their budgets based on us funding certain proportions. So a certain percentage of this would certainly be -- much of it would already be, at least, in wet concrete, you know, that we are going to spend this on these agencies. That's the most I can tell you.

I don't know, again, I don't know the interworkings of that, but they don't -- they can't just suddenly say, we're going to spend \$42 million and buy a blimp or something. No, there is definitely -- it's expected it is spent on services to treat drug addiction, alcohol, mental health.

Q. Understood. Let me be more specific. That's a fair point.

Of course, I wouldn't expect that the moneys would be spent to, you know, have a carnival, but my question really is, within the parameters of the mission of the Summit County ADM Board, when you receive these funds, is it predetermined that they would be earmarked for specific purposes within that mission, or can you use it however you, as the ADM Board,

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Page 102 believe to be appropriate? 1 2. MR. KEARSE: Object to form. 3 0. Does that make sense? Α. That makes sense. 4 So I believe many times federal and 5 6 state dollars come with very specific 7 parameters. So we may get -- we may get something from the state that says we 8 9 specifically want you to work on -- use this 10 for the opioid epidemic or suicide prevention, 11 and so forth. 12 The levy dollars, the bulk of our 13 funds that are local tax levy dollars, I think there is more freedom to determine where the 14 15 need is, but it's a big process, so it would be 16 steering a big ship. It wouldn't change a lot, 17 from year to year. Who is involved in the 18 19 decision-making process of how to actually 20 apportion these dollars to whatever purposes 21 the ADM Board has prioritized? 2.2 Well, if you use "involved" 23 broadly, lots of people, because the agencies 24 would certainly be discussing it with Jerry Craig and our CFO. They would talk to the 2.5

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clinical team, to see is there something that we need to be doing more about. Our ADM Board of directors, of course, then ultimately has to decide, yeah, that makes sense to, if we are going to do a shift, in terms of how we might fund something.

- Q. You mentioned to start the agencies might have something to say about that. What do you mean when you talk about the agencies, which agencies?
- A. Any of the 25 that we fund. In the process, if somebody was talking to Jerry Craig and saying we have an area that we really need to bolster our budget, so they need an extra 100,000 for something, then they -- presumably that's going to be reflected in how the moneys get spent. Obviously, that may mean less money spent in one place, more money spent that place.
- Q. Are you referring to Summit County government agencies?
 - A. Summit County treatment agencies.
 - Q. That are owned by the county?
- A. No. They are not government entities. That's why I corrected you.

- Q. So what do you mean, when you talk about Summit County treatment agencies, are these private entities that -- are these the contracting agencies?
 - A. Correct.

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- Q. Okay. Let's go to the next page.

 Does this page reflect actual expenditures?

 MR. KEARSE: I'm going to again

 object to the form of the question and the foundation.
- A. I'm not a budget person. It looks like these are projected expenditures.
- Q. It says Budget Expenditure Summary, and just for the record, we are looking at the page of the document that ends with Bates stamp 7933; do you see that?
 - A. Yes.
- Q. It says Budgeted Revenue and Expenditures, right?
 - A. Yes.
 - Q. And then it has a summary, correct?
- A. Correct.
- Q. And it's broken into two
 categories, one is board administration, and
 the other is contract services; do you see

Page 105 that? 1 2. Α. Yes. What is the difference between 3 Ο. those two categories? 4 5 So actually, that's something we 6 are quite proud of. So we attempt to spend as 7 much of the dollars on actual care, that is through the contract agencies, as opposed to on 8 9 our rent, salaries, utilities and so forth, and 10 we've kept it -- 6 percent is a target, because 11 many organizations spend a lot more than 6 12 percent on noncare. So 94 percent goes to 13 direct care of patients of Summit County. 14 Then when you look at the contract Ο. 15 services, it appears that most of the ADM 16 Board's actual expenditures are directed to 17 mental health; is that a fair characterization? 18 Α. Well, it looks like it's the majority of it. It's not a huge difference. 19 20 It's more than half, right? Q. Yeah. 21 Α. Yes. 2.2 Has that always been the case, O . 23 since you have been involved with Summit County ADM Board, that most of the funds are directed 24 toward mental health services? 2.5

MR. KEARSE: Object to form.

- A. My understanding is that prior to the opioid epidemic, about two-thirds of the dollars actually were spent on mental health, and a third on alcohol and drug addiction treatments, and that because of the epidemic, the number has gotten closer to 50/50.
- Q. Closer to 50/50, but even today, more than half of the funds expended by ADM Board are directed toward mental health services, correct?

MR. KEARSE: Object to the form. The document speaks for itself.

- O. Correct?
- A. Yes.

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- Q. And then you have below the mental health services, a line item for alcohol and drug; do you see that?
 - A. Yes.
- Q. And here alcoholism and drug addiction are combined into a single line item, right?
 - A. It appears that way, yes.
- Q. Do you know how this figure would break down if you were to divide it up between

Page 107 alcoholism and drug addiction? 1 I do not. 2. Α. 3 0. Do you have a rough estimate of that? 4 MS. KEARSE: Objection. Asked and 5 6 answered. 7 Α. I don't. MR. BOEHM: Actually, it hadn't 8 9 been asked and answered. 10 MR. KEARSE: It calls for 11 speculation, too. 12 MR. BOEHM: Object to form is fine 1.3 and appropriate, and what has been directed. 14 Okay. When you talk about contract 15 services, Dr. Smith, can you describe for us 16 how these contracts are awarded? 17 Again, I don't pretend to 18 understand all the logistics. I do know that, ultimately, Jerry does present to the board of 19 20 directors a list, I think, on a monthly basis, 21 of what contracts we plan to -- he plans to award, and then they do have to approve. 2.2 23 I'm not sure how they determine 24 exactly the dollars for any given entity at that point, though. 25

- Q. These are contracted medical providers, right?
 - A. Healthcare providers, yes.
- Q. Healthcare providers. And you are the medical director for the Summit County ADM Board?
 - A. That's correct.
- Q. Do you have involvement in the process by which contracts are awarded to the medical providers funded by ADM Board?
 - A. Minimally.

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- Q. What is your involvement?
- A. We may discuss -- we have periodic meetings, at least a couple times a month, where Jerry Craig and I meet and talk about, kind of, where things are at, but not money.

So my influence would be clinical input on where things are at, but as far as, "Gee, therefore, please spend a million here and not here," would not be my role.

- Q. Do you have insight into who you think is doing a good job and who is not?
- A. Insight, sure, but most of what we do is as data driven as possible, so we can see, based on the audits and everything else,

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who's doing the -- who seems to be getting the better outcomes.

- Q. Who is involved in that process of generating and analyzing the data in connection with the decisionmaking about awarding contracts?
- A. Many people on the clinical team, as on the TO you showed me would be doing audits. Aimee Wade puts those together, and then they get discussed.
 - Q. And are you part of that process?
- A. I'm sure I've seen audit reports, but I'm not, again, making decisions on how much money gets spent one place or the other.
- Q. Well, earlier this morning, you talked about how important it was for the Summit County ADM Board to ensure that you were getting the best bang for your buck from these service providers, right?
 - A. That's correct.
- Q. And you talked about the need to audit, and you talked about the need to provide some oversight over these contract providers, right?
 - A. Correct.

- Q. And you said you were involved in that, right?
 - A. That's correct.

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- Q. Can you describe for us, in more detail, what that auditing and oversight responsibility involves?
- A. I can tell you for myself. So for me, I do run a quarterly meeting, where I meet with the medical directors for all the agencies that have a medical director, I actually include the two big hospital systems in that, and then the following month, but again quarterly -- I just had this recently -- I run a clinical leaders meeting, because not everybody has got a medical director, a clinical leaders meeting, and so we do discuss -- I leave it open, most of the agenda is open to the agencies to talk about things they are doing, things they see a need for, and so forth.

Quite frankly, most of it ends up being me talking and maybe my clinical team talking, but -- so that's one of the ways.

I also meet with the main medical directors, one-on-one, once a month to talk

about how they see things going, what they think their needs might be and so forth.

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- Q. Do the service contractors or entities that wish to be service contractors submit a bid to the ADM Board for the scope of work requested?
- A. They do prepare a budget. I believe that our CFO sees their entire budget, and then within the portion they believe, they hope, will come from ADM, and then they do that process.
 - Q. So they do submit a bid?
- A. I don't know if you would call it a bid. I think they have a negotiation.
- Q. Okay. Is each contract that is awarded defined to a specific scope -- specific scope of work?
- A. Well, each of the agencies has, through OHMAS, has certainly certification to do certain types of scope of work. So certainly they would be held to that, whatever that standard is.

Some are certified specifically for mental health, some specifically for addiction, and some actually now, really are required by

Page 112 the opioid epidemic, have become dual 1 certified, because there has been so much 3 overlap. But when the ADM Board says to an 4 0. entity, here is some money, and we want you to 5 spend it in a certain way, does that get 6 7 written down in a contract, is there some recordkeeping mechanism so that you can then 8 follow up and provide the oversight that you 9 10 said was important? 11 MR. KEARSE: Object to form. Т 12 think it misstates his testimony. 13 Α. There is a contract annually with each entity, yes. 14 Where is that -- where are those 15 16 contracts kept, who has those? 17 I'm sure that Jerry Craig and the Α. 18 director of operations have them. 19 Okay. Do you have those? Q . 20 Α. I do not. Going back up to this line item for 21 alcohol and drug, just to be clear, this is a 2.2 23 comprehensive figure that reflects Summit 24 County's expenditures for alcoholism and drug

addiction relating to all drugs, correct?

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Page 113 Α. Correct. 1 2. Q. So that involves cocaine, meth, 3 heroin, marijuana, and the list goes on, correct? 4 5 MS. KEARSE: Object to form. I believe it is comprehensive of 6 7 all potentially addictive substances, yes. Is it possible to break that figure 8 Q. 9 down, in terms of how much is spent on any 10 particular drug? 11 Presumably, the fiscal side could 12 at least say if somebody is being treated for 1.3 an opiate-use disorder versus an alcohol-use 14 disorder. That is probably achievable. 15 If you look at the bottom of this 16 page 7933, do you see the line that says, 17 "Projected revenue over/under expenditures"? 18 Α. Yes. And for 2018, it is in parentheses, 19 20 does that mean that the expenditures are 21 greater than the revenue? 2.2 Α. Yes. 23 And can you describe what that 2.4 means? MR. KEARSE: Object to form. 2.5

- A. Well, mathematically, it means we spent more money than we brought in through those three sources.
- Q. And does the ADM Board have, kind of, money in reserve that it can apply to those expenditures?
- A. Yes. We have a fund balance, based on what wasn't spent in other years, and then gradually that often gets spent down pretty low, by the time we have a levy.
- Q. So in this case, this figure here in parentheses for 2018, would the ADM Board draw upon existing -- an existing account to cover that expense?

MR. KEARSE: Object to form.

- A. That's my understanding, yes.
- Q. If you turn to page 11 in the upper right-hand corner of this, it looks like that for many years, the ADM Board had revenue that exceeded its expenditures. I'm looking here at the projected revenue over/under expenditures line on at the bottom of page 11.
 - A. Yes.
 - Q. Do you see that?
 - So for 2009, for example, revenue

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Page 115 exceeded expenditures by over 12 million 1 dollars; am I reading that right? 3 Α. Yeah. That's what it says. And then in 2010, by 10 and a half 4 million dollars? 5 6 Α. Yes. 7 What is your understanding of what 0. that means? 8 9 Α. The dollars that came in through 10 the levy and perhaps other, you know, federal 11 and state sources exceeded what was spent. 12 I'll direct your attention to page 13 8 of this same document, Dr. Smith. It's 14 entitled 2008 Contract Expenditures By Agency; 15 do you see that? 16 Α. 17 Does this page reflect the entities 18 which have been awarded service contracts by the Summit County ADM Board in 2008? 19 20 Α. It appears to. 21 Okay. This is again broken down 2.2 into two categories, mental health, and then alcoholism and drug addiction are combined, 23 24 right? 2.5 Α. Yes.

- Q. If you look down toward the bottom the page, there are two line items that refer specifically to opiates, one is the 21st Century Cures Act, OMHAS Opiate Grant; do you see that?
 - A. I see that.

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- O. What is that?
- A. So I believe under the Obama administration, one of their last legislative actions was to create the 21st Century Cures Act, and so that provided a certain amount of dollars to each state to provide treatment and fight the opiate epidemic, and that was the portion that then filtered through the state, which then means Ohio Department of Health and Addiction Services, down to our county.
- Q. Okay. This is a grant from the federal government that went through some state agency, and ultimately Summit County got some of that money; is that right?
 - A. That's my understanding, yes.
- Q. The one below that, the next one on the list, says Targeted Solutions, dash, Opiate Epidemic; do you see that?
 - A. Yes.

Page 117 What is that? 1 0. 2. Α. By that phrase, I don't know. 3 You're not sure what this line item 0. refers to? 4 MR. KEARSE: Object to the form, 5 and asked and answered. 6 7 No, I don't, not specifically. Who would we need to ask to get the 8 0. 9 answer to that question? 10 Again, either Director Jerry Craig 11 or Jennifer Peveich, our CFO. 12 You don't recall being involved in 1.3 any discussion about a targeted solutions line 14 item related to the opiate epidemic? 15 Not by that phrase. I'm sure it is 16 tied to our Opiate Task Force and all of the 17 many things that have been happening. 18 Well, whether it's by this phrase Q. 19 or not, do you know what this refers to? 20 MR. KEARSE: Object to form and 21 asked and answered. 2.2 Α. Again, it says "solutions," so they 23 have done a lot of things in the county. I assume it is money that was spent to fund those 24 25 programs.

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Q. Okay. Do you know what programs it was funding?

MR. KEARSE: Object to form. I'm just going to direct the witness not to guess as well. So he has already answered. He's told you specifically, to that line budget item, he does not know what that refers to.

MR. BOEHM: When the attorney is done, can you just go back up to my question and read it back, please.

THE NOTARY: Question: "Do you know what programs it was funding?"

- A. So I know what programs ADM, at least some of them, what we fund, but I don't know if that's what this line item is about.
- Q. Do you know what the source of funds are for this particular line item?

 MR. KEARSE: Object to form. Asked and answered.
 - A. I do not.
- Q. Which of the services contracts that are reflected here for 2018 relate, in particular, to opioid addiction and opioid-related issues?
 - A. Again, I can only read what you can

- read. So 21st Century Cures says opiates;

 Targeted Solutions Epidemic Opiates, says

 opiates. But opiates have affected so many in

 our population, that I'm sure there is overlap

 in virtually every one of them.
- Q. Okay. But you know what these entities are, right, as the medical director for the Summit County --
 - A. Certainly.
 - O. -- ADM Board?
 - A. Yes.

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- Q. And you know the services that they have been contracted to render; don't you?
 - A. At least broadly, yes.
- Q. Which of these service contractors and contracts relate, in particular, to opioid addiction?
- A. Well, all of the ones in the lower half that says Alcohol/Substance Use Services certainly have worked with individuals with opiate-use disorder. Ones that are really targeted, that's very, very specifically, UMADAOP for sure; community health center is our largest addiction treatment agency; Edwin Shaw is also a treatment agency for substance

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use, I'm sure, therefore, opiates; Interval
Brotherhood Home is our largest residential
treatment program for addiction, they -- we
have a lot of discussions with them. A lot of
their people are there for opiate-use disorder
treatment.

Mature Services, now called Vantage Aging, is what it sounds like, it's older adults. Again they have a whole section that's on treatment of addiction. Oriana House is all about addiction. They work with the criminal justice service for addiction, and then, in particular for us, they run our detox center, which is mostly, in the recent years, has been seeing opiate addiction, as opposed to any other addiction.

The Summit County Community

Partnership is -- specifically, has been spending their time working on fighting the opiate epidemic, giving out Deterra bags, giving lectures and so forth.

Summit County Public Health, again there is a lot of overlap there, because they work with the whole public sphere of health.

They do a lot. They distribute the Dawn kits,

the naloxone kits to hopefully save lives during an overdose. The DARE program is the law enforcement approach in schools to prevent individuals from starting to use drugs.

Q. Okay. Thank you.

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Are any of these entities that you have just, kind of, ticked through devoted exclusively to opioid addiction?

- A. Not exclusively, no.
- Q. Are you able to break down what proportion of the funds that are given to these contracting agencies actually get directed specifically to opioid treatment, as opposed to treatment of other alcohol or substance abuse disorders?
 - A. Personally, I'm not, no.
- Q. Do you have somebody at the ADM Board who could do that?
- A. I'm sure, based on the claims data, they could decide what the person was at, say, Interval Brotherhood Home, what addiction are you here for, yes, they could on that.
- Q. Who would we ask about that, at the ADM Board board?
 - A. Again, Jerry Craig is your best

Page 122 1 source. I saw a reference to Ms. Peveich, and I think you've referenced her before as 3 well? 4 5 Α. Yeah. Jen Peveich. So she's our director of operations/chief financial officer. 6 7 She is our money person. So as the chief financial officer, 8 Q. 9 is she also somebody that we could ask about 10 that? 11 Certainly. Α. 12 What is the total cost to Summit 13 County, in relation to the opioid crisis, 14 during the years that you have been the chief clinical officer and medical director for the 15 16 Summit County ADM Board? 17 MR. KEARSE: Object to form. 18 Α. Again, I don't know the dollar Clinically, it's hundreds of lost 19 figure. 20 lives. 21 Do you know what the number is? 2.2 Α. I do not. I'm sure it's many millions, but other than that, I couldn't -- I 23 24 can't quess that, no. Would we have to ask Ms. Peveich? 2.5 Q.

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                  THE VIDEOGRAPHER: May I change the
     tape at this point?
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                  MR. BOEHM: You need a break?
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                  THE VIDEOGRAPHER: Yes, to change
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     the tape.
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                  MR. BOEHM: Yes.
                  THE VIDEOGRAPHER: We are off the
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     record at 11:15.
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                  (Pause.)
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                  THE VIDEOGRAPHER: We are back on
12
     the record, 11:17.
13
14
                  (Thereupon, Deposition Exhibit 4,
15
                  August 14, 2017 Email From Jennifer
16
                  Peveich, Beginning with Bates Label
17
                  SUMMIT 902497, was marked for
18
                  purposes of identification.)
19
                          - - - - -
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                  I'm going to hand you the next
            Q.
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     exhibit to your deposition today. It's marked
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     as Exhibit 4.
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                  This is an August 14, 2017 email
     from Ms. Jennifer Peveich, and she wrote this
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     email to you, to Mr. Jerry Craig, and to Ms.
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Page 124 Mary Alice Sonnhalter; do you see that? 1 2. Α. T do. 3 Do you know see that the subject of this email is, "Draft opioid cost and 4 demographic information"? 5 6 Α. I see that. 7 She writes that she's providing to you a draft of information that was requested 8 by the Summit County Executive's office; do you 9 10 see that? 11 I see that. Α. 12 And that the request from the 1.3 Summit County Executive's office was related to 14 the cost of opiate use to the county for the 15 years 2012, 2013, 14, 15 and 16; do you see 16 that? 17 I see that. Α. 18 Do you recall seeing this email 19 from August of last year? 20 Α. Yes. I'm sure I saw it, yes. 21 Who from the Summit County Executive's office made the request for a 2.2 23 calculation of total costs of opiate use to 24 Summit County for the years 2012 to 2016? 2.5 Α. I think it was actually the county

Page 125 executive. 1 Q. It was Ms. Shapiro? 3 Α. Yes. Why -- what is your understanding 4 as to why Ms. Shapiro requested this cost 5 6 analysis? 7 She was relatively new, and I believe she was working on a, whatever you call 8 9 it, state of the county speech, and she wanted 10 to be able to talk cogently about the epidemic. 11 Did you ever speak personally to 12 anyone in county government about this request? 13 Α. I did not. 14 And this task fell to Ms. Peveich, 15 for the reasons that you have described, 16 correct? 17 Α. Correct. 18 She is the right person to ask this question of, right? 19 20 Α. Definitely the right person. 21 And if you turn to the next page, 2.2 we can see the attachment to Ms. Peveich's email, right? 23 2.4 Correct. Α. This is where she estimates total 2.5 Q.

Page 126 costs to Summit County related to opiate use 1 from 2012 to 2016, right? 3 Α. Yes. And if you just take a look through 4 all the numbers, she comes to a grand total of 5 approximately 25 million dollars, total cost to 6 7 Summit County related to opiate use for the years 2012 to 2016, correct? 8 9 Α. Yes. Do you recall seeing this analysis? 10 I recall it. I wouldn't have 11 Α. 12 remembered the numbers, but, yes, I recall it. 13 Q. Do you recall having a reaction to this analysis? 14 15 No. I knew we were spending tens 16 of millions on it, so, no. 17 Did this number surprise you? Q. 18 MR. KEARSE: Object to form. Asked and answered. 19 20 Α. No. 21 2.2 (Thereupon, Deposition Exhibit 5, 23 August 14, 2017 Email Exchange, Beginning with Bates Label SUMMIT 2.4 902513, was marked for purposes of 2.5

Page 127 identification.) 1 2. 3 Giving you a document that's been Q. marked as Exhibit 5, this is the continuation 4 of your email exchange with Ms. Peveich from 5 August of last year; do you see that? 6 7 Α. I do. Ο. You wrote back to Ms. Peveich, 8 9 "Wow, 25 million"; do you see that? 10 Α. Yes, I do. 11 Q. Why did you write, "Wow, 25 12 million"? 13 Α. I don't recall. I also wrote, 14 "Looks pretty thorough." I'm not the numbers 15 person, so... 16 My question to you is, this is 17 something you wrote, right --18 Α. It is, yes. -- "Wow, 25 million"? 19 Q. 20 Α. Uh-huh. 21 When did you mean when you wrote, 0. 2.2 "Wow, 25 million"? MR. KEARSE: Asked and answered. 23 24 Object to form. I don't recall, but obviously, you 25

Page 128 tell me you want to give me a check for 25 1 2. million, I'm going to say, "Wow, that's a lot 3 of money." Q. So you were said, "Wow, 25 4 million, " you were saying that's a lot of 5 6 money? 7 Α. Right. Did you expect it to be less? 8 Q. 9 Α. No. I don't think I had --10 MR. KEARSE: Object to form. 11 I don't think I had an expectation, Α. 12 but it's a lot of money. 13 And then you wrote, as you 14 mentioned, "Looks pretty thorough." What did 15 you mean by that? 16 That it looks like she had gone 17 through all the possible expenditures and come 18 up with an accurate number. 19 Do you know if that's the analysis 20 that actually was submitted to the county 21 executive, in response to Ms. Shapiro's 22 request? 23 I honestly don't know. 24 Q. You don't know of any changes 25 having been made to that analysis, do you?

Page 129 MR. KEARSE: Objection. Asked and 1 He testified he doesn't know. 2. answered. 3 Α. Yeah, I don't know. The answer is you are not aware of 4 0. any --5 I'm not. 6 Α. 7 -- changes having been made, right? Q. 8 Α. Correct. 10 (Thereupon, Deposition Exhibit 6, August 18, 2017 Email Exchange, 11 12 Beginning with Bates Label SUMMIT 13 902806, was marked for purposes of identification.) 14 15 16 And here is a document that has been marked as Exhibit 6 for this deposition. 17 This is still from August 2017, and Ms. Peveich 18 here is following up, asking whether anybody 19 20 else has any comments or suggestions; do you 21 see that? 2.2. A. Yes. 23 And you wrote back to Ms. Peveich saying, "None. Looks solid as is"; do you see 24 that? 2.5

Page 130 I do. Α. 1 What did you mean by that? 2. Q. Similar to my "pretty thorough" 3 Α. response, it looked like I couldn't give a 4 reason to think there was something faulty 5 about her calculations. 6 7 And, in fact, they looked thorough Ο. and looked solid to you, right? 8 9 Α. Yes. 10 You indicated earlier that you 11 joined the ADM Board in May 2012, right? 12 Α. Correct. 13 But you said, I think, earlier, if 14 I heard you right, that you didn't know that 15 there was this opioid, as you put it, epidemic 16 happening until sometime in 2013; did I hear 17 your testimony correctly about that? 18 Α. That's correct. Do you recall, Dr. Smith, that in 19 20 reality, you attended an opiate conference in 21 May 2012, the very month that you started at 2.2 the ADM Board? 23 MR. KEARSE: Object to form. 24 The only conference I recall Α. attending would have been one that the family 25

Page 131 medicine put on from NEOMED, and I don't recall 1 if it was opiates or not. 3 (Thereupon, Deposition Exhibit 7, 4 May 8, 2012 Agenda, Ohio's Opiate 5 6 Summit, was marked for purposes of 7 identification.) 8 9 Ο. This is a document I have marked as 10 Exhibit 7. It is a May 8, 2012 agenda for 11 something called Ohio's 2012 Opiate Summit, 12 Miles Traveled, Miles Ahead. Does this look 13 familiar to you? Honestly, it goes not, but... 14 15 Ο. Do you recall having attended this 16 conference? 17 I don't, actually. I know many of 18 the presenters, but I don't recall this particular conference. 19 20 Q. Do you recall registering for this 21 conference? 2.2 Α. It's been a lot of years. No. 23 I've registered for lots of conferences. 24 Q. I'll represent that the county has 25 produced data to us that shows that you

Page 132 registered for this conference in May of 2012; 1 2. does that ring a bell for you? 3 Α. I won't refute it, but... MR. KEARSE: Object to form. I'm 4 not going to have you ask questions about a 5 conference he doesn't recall going to. So, you 6 7 know, if you want to show him that he was actually there. 8 9 MR. BOEHM: I'm going to ask 10 whatever questions I want to ask, and you can 11 object to form. You gave us data that showed 12 that he registered and attended the conference, 13 so... MR. KEARSE: If he doesn't recall 14 15 attending the conference. MR. BOEHM: Then let me ask the 16 17 question. MR. KEARSE: I did. You did ask 18 19 the question, and he doesn't recall going to the conference. 20 21 MR. BOEHM: Okay. So what are 22 you -- what are you doing right now? Do you 23 want me to examine you, or can I turn back to the doctor? 24 MR. KEARSE: I would like to have a 2.5

Page 133 civil conversation --1 2. MR. BOEHM: I'm just not sure what 3 record you're making right now. Dr. Smith, do you know what the 4 OACBHA is? 5 6 Α. Yes. 7 What is that? 0. I don't remember the acronym, but 8 Α. 9 basically, OACBHA, as we say, is the 10 organization that represents all of the ADM 11 Boards across the state. 12 Okay. And my counsel -- my 1.3 colleague has just reminded me that this conference that is described in the agenda and 14 15 marked as Exhibit 7 was hosted by the OACBHA 16 and produced data showing that you registered 17 for this conference. 18 MS. KEARSE: And, counsel, I would like to know the Summit -- the number that 19 20 shows this was produced by Summit County. 21 MR. BOEHM: This particular agenda 2.2 was produced by the OACBHA. 23 MR. KEARSE: Okay. So it was not produced by Summit County. So counsel has not 24 provided you with this information, and I would 25

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     like to correct the record.
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                  MR. BOEHM: I just said that the
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     OACBHA produced this information, pursuant to
     third-party subpoena.
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                  MR. KEARSE: Right. Earlier you
     suggested that counsel provided you with this
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     information --
                  MR. BOEHM: I just --
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                  MS. KEARSE: -- from the Summit
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     County files.
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                  MR. BOEHM: I just clarified that
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     myself.
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                  MR. KEARSE: Okay. Because I just
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     asked you to clarify it.
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                  MR. BOEHM: No. I clarified it
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     before you jumped in. Regardless --
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                  MR. KEARSE: I wanted -- to the
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     extent you are going to suggest that the
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     witness was at this conference when he just
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     testified he wasn't at the conference or
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     doesn't recall the conference, I'm just going
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     to --
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                  Dr. Smith, did you testify that you
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     did not attend this conference?
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                  No. I just don't recall.
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            Α.
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Page 135 And if we have data from the OACBHA 1 2. reflecting that you registered for this 3 conference, you are not going to refute that, right? 4 5 Not that I registered, no. 6 MR. KEARSE: Can I see the 7 document, please? MR. BOEHM: What document? 8 9 MR. KEARSE: The one that you are 10 referencing that suggests he registered there. 11 I just would like to see the document that you 12 have in front of you. 13 MR. BOEHM: I'm going to conduct 14 this deposition. If you want to follow up later, you can do that. But I represented it 15 16 for the record. 17 MR. KEARSE: Okay. Well, you have 18 it right in front of you. If you could show it 19 to me. 20 MR. BOEHM: It's a printout from 21 the database that you have access to. So if 22 you want to go look it up --23 MR. KEARSE: What's the Bates --24 MR. BOEHM: -- from OACBHA --25 MS. KEARSE: Is there a Bates

Page 136 number on it? 1 2. MR. BOEHM: We can talk off the 3 record. I'm not going to waste more of our time here. 4 You don't recall attending this, 5 Dr. Smith --6 7 A. Being the fifth business day that I was working the ADM board, no, I do not. 8 9 0. Right. Well, that's why I thought 10 it was interesting as well. This was just a 11 matter of days after you joined the ADM Board, 12 right? Correct. 13 Α. 14 Is this something that would have 15 been of interest to you, as the medical 16 director for the Summit County ADM Board? 17 Certainly. I went to as many clinical, and still do, clinical conferences 18 that I can, so... 19 20 Q. And you can see that the subject of 21 this conference is opioid abuse, right? 2.2 Α. Well, it says, "Opiate Summit." So 23 it's something about opiates. 24 Q. Yeah. If you look at it, Dr. Smith, you can see, for example, Dr. Orman 25

Page 137 Hall; do you know who that is? 1 2. Α. Not doctor, but, yes, he was the director -- he was the director of ODMHAS. 3 This is, again, before the departments merged. 4 5 And he gave a presentation at this 6 conference entitled Driving the AOD System 7 Response to Opiate Abuse in Ohio; do you see that? 8 9 Α. Yes. 10 And then Mr. DeWine, now 11 Governor-Elect DeWine, gave a presentation 12 about Detouring Illegal Activity, right? 13 Α. Yes. And the title of the conference is 14 Ohio's 2012 Opiate Summit. 15 16 Α. Right. 17 Fair to say that this was an agenda for a conference on the subject of issues 18 19 related to opioid addiction and abuse in the 20 state --21 MS. KEARSE: Object to form. 2.2 Q. -- fair? 23 Α. Yes. 24 Q . Do you recall attending any conferences related to opiate abuse in 2012? 25

A. Again, to place it in exact date and time, no.

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Q. Do you recall, as part of your efforts to try to understand the issue of opiate abuse, going back and looking for reports by any task forces or any other entities that were charged with the responsibility of trying to identify causes of opiate abuse; did you do that?

MR. KEARSE: Object to form.

A. Sure. At the time, not there anymore, Aimee Wade's predecessor, John Ellis, who really was our -- I came in as our forensic expert, he came in as our addictions expert about six months before me, I think.

So he was mostly the one collecting information and sharing it with me. When it became clear that we had a lot of problem with opiate overdose deaths, I actually then, instead of attending the usual conferences I go to in October, I went to a national conference of the American Academy of Addiction

Psychiatrists, to try to enhance my education.

It would have been December of 13 or 14, something like that, I think.

Q. In the year 2012, when you came into the position of medical director for the Summit County ADM Board, did you undertake to try to identify and review any task force work product on the subject of opioid abuse?

MR. KEARSE: Object to form.

A. I may have -- so Cuyahoga County did start their Opiate Task Force before ADM, and I don't know if it was in 12, but certainly I went to some of their meetings, as we were planning our Opiate Task Force in Summit County, which we launched in early 14.

So I certainly went to
their -- those task forces, went to whatever
opportunities were offered; therefore, I'm not
surprised if I went to this. I may have gone
to this, but do I recall the content, no.

Q. Well, certainly if you went to this conference in May 2012, just days after you started as the medical director at Summit County ADM, you certainly wouldn't say it wasn't until 2013 that you became aware that there were issues related to opiate abuse that merited particular attention?

MR. KEARSE: Object to form.

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Page 140 Mischaracterizes his testimony. 1 2. No. All I'm saying is my 3 recollection was, and probably because we started doing a lot of things in 2013, that it, 4 kind of, hit that high mark in 2013. 5 6 So perhaps I learned something in 7 12, but 13 is when we started to act on it with various projects. 8 Okay. Well, that's an important 9 distinction. Your testimony is that you really 10 11 started to act on the opioid epidemic as part 12 of the Summit County ADM Board in 2013, but you 1.3 were aware of the opioid epidemic before that, fair? 14 15 MR. KEARSE: Object to form. 16 Mischaracterizes his testimony. 17 I don't recall being aware, whether I went to this conference or not. 18 Well, if you went to this 19 20 conference, that would certainly suggest you 21 were aware, right? 2.2 Α. Right. 23 And if you had looked for reports 24 that were produced by opiate-specific task forces that were produced before 2012, that 2.5

Page 141 also would suggest that you were aware before 1 2. 2013 about the opioid epidemic, correct? 3 MR. KEARSE: I'm going to object to form. 4 5 Are you okay? 6 MR. MASTERS: Yes. Sorry. 7 Α. Yes. I mean, there is no doubt that my very nature would be to start working 8 9 on trying to figure it out and help it as soon 10 as I was aware. 11 I'm just, again, important to you, 12 not important to me, in my mindset. I would 13 have started acting on it as early as I could have. 14 15 Ο. You would have wanted to research 16 this issue as quickly as you possibly could 17 have, right? 18 MR. KEARSE: Object to form. 19 Α. Certainly. 20 So if, for example, there was a Q. 21 task force report from 2010 that described 22 opioid abuse in Ohio as an epidemic, that's 23 something you would have wanted to identify, read and understand --24 2.5 MS. KEARSE: Object.

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Q. -- as part of your responsibilities as the clinical director for Summit County ADM Board; is that fair?

MR. KEARSE: Object to form.

- A. Yes. I would have wanted that even from some other states, sure.
- Q. Do you recall undertaking that kind of effort, to identify reports or writings or articles that would help inform your understanding of opioid abuse?
- A. I do. I don't know timeframes, but I certainly did -- I recall doing some in -- learning something about -- I think they had an earlier issue in New England, maybe Maine in particular. So I was looking for information from what they were doing.

Again, I went to a conference I wouldn't have normally -- previously gone to, the American Addiction -- American Academy of Addiction Psychiatrists conference, to be amongst the experts, to learn, multiple lectures and stuff about that.

And then once I was up to speed, I started helping put on our own conferences.

Q. So you don't know, sitting here

Page 143 today, exactly when you learned about the 1 opioid epidemic in Ohio and specifically in 2. Summit County; is that correct? 3 MR. KEARSE: Object to form. 4 Α. Correct. I know it was not while I 5 was at Northcoast, and it was sometime after I 6 7 joined the ADM board. And your testimony, if I understand 8 Q. 9 it correctly, is that when you joined the ADM 10 Board, you would have undertaken, as quickly as 11 possible, to try and understand what was 12 happening in Summit County, with respect to 1.3 opioid abuse; is that fair? 14 MS. KEARSE: Object to form. 15 Α. Once it was raised as an issue of 16 concern, yes. 17 And you indicated that at some 18 point, after undertaking that effort, you yourself started to have and host conferences 19 20 on the subject of opioid abuse in Summit 21 County, right? 2.2 Α. Yes. 23 24 (Thereupon, Deposition Exhibit 8, Pamphlet Entitled The Role of the 2.5

Page 144 Physician in Prescription Drug 1 2. Abuse, Beginning with Bates Label SUMMIT 930645, was marked for 3 purposes of identification.) 4 5 6 MS. KEARSE: A perfectionist. 7 MR. BOEHM: Can you tell? I want to put it there so much. It wasn't happening. 8 9 I just marked a document as Exhibit 10 Do you remember this document? And I'll 11 just say for the record, it is a pamphlet 12 related to a May 31, 2014 conference entitled 1.3 The Role of the Physician in Prescription Drug Abuse. Do you recall this? 14 15 Α. Yes. 16 What this is? Ο. 17 So Dr. Thrasher, who is our Α. 18 addiction expert at our detox center, and I 19 started talking about we need to do something 20 to educate physicians. 21 We did create a healthcare 2.2 subcommittee for the Opiate Task Force that 23 started in early 2014, but even before that, we 24 started looking at -- in 13, we started looking at we need a way to educate the physicians, and 25

not just psychiatrists, we meant primary care and so forth, physicians about prescriptions and the fact that they were leading to addiction. So that was -- we set forth to create a conference.

- Q. Were you responsible for organizing the conference?
 - A. Both Dr. Thrasher and I, yes.
- Q. And you and Dr. Thrasher delivered the opening remarks for this conference, right?
 - A. That's correct.
- Q. Were you the individuals, you and Dr. Thrasher, who were responsible for identifying and inviting the speakers for this conference?
 - A. Yes.
- Q. How did you go about identifying appropriate speakers for this conference?
- A. Well, our goal was to move quickly. In this case, we didn't want to wait a long, long time to get the first conference going. So we went with individuals we were both aware of in the Northeast Ohio region who were addiction specialists, as well as Dr. Kohler, who is our -- is and was our Summit County

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Page 146 Medical Examiner, to give her perspective on 1 2. what was happening. In your view, are all the doctors 3 0. who presented at this conference that you had 4 5 organized respected in the medical community? 6 Α. Yes. 7 And they had some expertise with Ο. respect to prescription drug abuse that you 8 9 thought would be helpful for other doctors to 10 hear about, right? 11 Α. Yes. 12 The first speaker after you and Dr. 13 Thrasher is Dr. Christina Delos Reyes; do you see that? 14 15 Α. Yes. 16 Ο. Who is that? 17 Α. She is the director of the 18 addiction fellowship program up at Case Western Reserve University. 19 20 Was she the keynote speaker? Q. 21 Nobody was a keynote. They were 2.2 all very important. 23 0. Do you recall if the speakers developed slides and presented slides for this 24 conference? 2.5

Page 147 At least some of them, I'm sure, Α. 1 2. did, yes. Did you receive copies of those 3 Ο. slides? 4 5 I believe we actually posted them, at some point, on our website. 6 7 The ADM Board website? 0. Α. 8 Yes. 9 Do you know if those would still be Ο. 10 available there? I don't know if they are still on 11 12 the website. I'm sure they are available 13 somewhere. 14 Q. Where would we go to try and find all of those slides developed for this 15 16 conference? 17 A. I actually believe they were part of the large, beyond a flash drive, whatever it 18 was, of stuff that we sent in the discovery 19 20 process. 21 You mean to the lawyers --0. 2.2 Α. Right. 23 -- for Summit County? 0. 24 They should be in the whole big Α. database. 25

- Q. Okay. And the next speaker is Dr.
 Lisa Kohler.
 - A. Correct.

- O. Who is that?
- A. She is then and now is the Summit County Medical Examiner. She is a trained forensic pathologist.
- Q. Right. And then getting later on in the day, Ms. Ann DiFrangia -- I don't know that I pronounced that correctly -- spoke about the OARRS database; do you see that?
 - A. I do.
 - Q. Who is Dr. DiFrangia?
- A. She is an addiction specialist at what used to be called Edwin Shaw Rehab

 Hospital. They -- when Cleveland Clinic took over, they changed the name to something else at this point, but she is still at that agency here in town as part of the Cleveland Clinic.
 - O. What is the OARRS database?
- A. So OARRS is the Ohio version -- I always forget the initials, OENDP, or something, program, where basically a physician can go in and ultimately, by law, it became required, it wasn't yet at that point, go in by

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law, and look up a patient's profile of prescriptions, to make sure, basically, they are not doctor shopping. That was the original purpose.

So, like, when I -- if I were to prescribe Ambien for sleep, because, again, I don't prescribe opiates, but as a controlled substance, I would look up John Jones, I have to put a date of birth and a zip code, I think that zip code is anywhere he lived in the last ten years -- actually, it's a pretty thorough database.

It will then pull up and show me the physicians, the medications, the dosages, the number of pills, the pharmacy, and then that allows me to make sure he didn't just get some Ambien three days ago from his primary care doctor and so forth.

- Q. What does OARRS have to do with the abuse of prescription drugs and, in particular, opioids?
- A. Well, again this was a conference by physicians for physicians. So we wanted to make sure, even though the law had not required it yet, we wanted to make sure physicians knew

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this was a tool to help prevent doctor shopping and, if you will, accidental even, overprescribing.

If I prescribe, but he just got some, that would be, kind of, an accidental overprescribing of what the substance was. So where it was an educational moment for the doctors.

Q. Was the Summit County ADM Board advocating for the passage of requirements in the medical community to use the OARRS database in connection with prescribing opioid medications?

MS. KEARSE: Object to form.

- A. We certainly were in favor of it.

 I don't know whether there was a subcomponent of our task force, because we had a separate -- an advocacy and policy component. They may very well have been advocating. I don't recall if they officially did.
- Q. In what ways did the OARRS database, if at all, relate to accidental overprescribing?

MR. KEARSE: Object to form.

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certain that he or she was not giving some, you know, say, a 30-day of supply of something to a patient that they actually just got from another doctor that, by the way, they didn't happen to tell this doctor that they got.

So it would avoid getting more pills than is needed medically.

- Q. Okay. When did it become a requirement in Ohio that physicians use the OARRS database?
- A. I believe officially required was something like April 1 of 2015.
- Q. All right. The next speaker is somebody by the name of Gregory Boehm, who must be a distinguished fellow, as he shares my last name. Tell me about Dr. Boehm.
- A. So he is actually somebody Dr.

 Thrasher knew and recruited, but he works with adolescents and addiction, also through Recovery Resources, which is a treatment agency up in the Cleveland area. It actually recently merged with MetroHealth.
- Q. Okay. Is he respected in the medical community?
 - A. That's my understanding, yes. I

actually had not met him before or since that day, but I met him that day.

- Q. Do you know Dr. Samer Narouze, who is down there at the 1:45 speaking slot on the agenda?
- A. Right. So I met him that day.

 Another person -- again, a lot of these are addiction people, and if they are not directly at one of our agencies, I wouldn't know them.

But, yeah, he came as very highly respected, and came and spoke about chronic pain, because they have a chronic pain specialty at the Western Reserve Hospital, which used to be part of Summa, but is no longer part of Summa.

- Q. His presentation was entitled Best Practices in Managing Chronic Pain, right?
 - A. Correct.

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- Q. Do you recall what he had to say about that subject?
- A. Not in any detail. His goal was to talk about, okay, if you want to avoid addiction, but you still need to treat pain, here is how he recommended people go about it, but I don't recall exactly what he said in

Page 153 detail. 1 Do you know if Dr. Narouze 3 prescribes or prescribed opioid medications? I'm certain he does, does or did. 4 Α. 5 Do you know anything about Dr. 6 Narouze's view on appropriate prescribing 7 quidelines for opioid medications? MS. KEARSE: Object to form. 8 9 I don't know specifically what his 10 thoughts are. 11 You said that you first learned 12 about opioids while you were in medical school, 13 right? 14 Certainly. 15 And you said that you learned then 16 that opioids have addictive properties? 17 Α. Yes. Fair to say you would be surprised 18 if there is a doctor out there who doesn't know 19 20 about that? 21 MR. KEARSE: Object to form. 2.2 Α. Yes. 23 But not everybody who uses an opioid becomes an addict, correct? 24 MR. KEARSE: Object to form. 2.5

A. That's correct.

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- Q. In fact, overwhelmingly, people don't become addicts just because they use an opioid, true?
- A. Well, my understanding, there is like a dose frequency response curve, that if you take them long enough, you will certainly develop tolerance, that would happen to anybody's brain, and that that increases the likelihood that somebody will develop an actual addiction.
- Q. My question to you is, isn't true that most people who use an opioid do not become an addict?

MR. KEARSE: Object to form.

- Q. Do you agree with that?
- A. I'm thinking of whether I have seen statistics, but, I guess, yeah, probably not. It's certainly not 50 percent or more. So I would say you're correct.
- Q. You don't know what the percentage is?
 - A. I do not.
- Q. Why do some individuals who use substances with addictive properties become

addicted, while most people don't?

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MR. KEARSE: Object to form.

A. So my understanding is that, you know, any of us have -- we all have a reward system in our brain, and for some of us, we're fortunate that reward system is turned on by reading or streaming Netflix or riding a bicycle or what have you, but there are some people whose reward system gets particularly turned on by certain substances.

So that might be an opiate, for some people that might be alcohol, some unfortunate individuals it might be both, and those individuals, once their brain has been rewarded through that pathway, they want more of it, and then they will do things to get more of it.

- Q. Why would one person's brain respond differently than another person, exposed to the same substance? What is the science behind that?
- A. Genetic variation amongst brains.

 Some people have a genetic predisposition, and, again, I think some of that is, you know, maybe there are certain people where their first dose

Page 156 turns on the reward system so much, that they 1 2. are maybe automatically addicted. They now have that disease. 3 There might be others who had to 4 take it for weeks or months and, within that 5 time period, it turned it on and off, they 6 7 developed it. Is it true -- well, let me back up. 8 Q. 9 Are you a specialist in addiction 10 medicine? 11 Α. That depends on how you define 12 that. 13 Q. Okay. Well, let's be more 14 specific. Can somebody become board certified in addiction medicine? 15 16 Yes, I believe they can now. 17 Q. Are you board certified in addiction medicine? 18 19 I am not. Α. 20 Would you hold yourself out to the Ο. 21 medical community as a specialist in addiction 2.2 medicine? 23 Α. No. 24 Do you know enough to talk and to express opinions about what are the root causes 25

of addiction? For example, you mentioned genetic predisposition.

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- A. So I can talk about genetic predisposition and about the brain and the reward pathway. I don't know that science has determined exactly who may or may not get addicted. We certainly can't do a blood test and predict that she would but she wouldn't, for example. So I don't think there is anybody who has that expertise.
- Q. So it's complicated from a prescriber's perspective, without having a blood test, to know exactly who is going to have the brain that gets turned on, versus who is going to have the brain that doesn't?

 MR. KEARSE: Object to form.

A. Correct. We can go through clinical information. We expect physicians to ask about family history about addiction, because we do get our genes from our relatives, from our parents, so we would try to screen for it that way.

And if somebody has had an addiction to one substance, we would be more careful. They might be able to become addicted

Page 158 to another substance.

Q. So if I understand you correctly, a healthcare provider who is looking face-to-face with a patient, trying to render a medical judgment, has the advantage of being able to examine that individual, ask questions of that individual, and better inform their prescribing decision; is that fair?

MR. KEARSE: Object to form.

- A. Yeah. There is a doctor-patient discussion to determine risks.
- Q. But that process will not perfectly predict outcomes, correct?
 - A. Correct.

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- Q. That's impossible?

 MR. KEARSE: Object to form.
- A. Yeah. Medical science doesn't have an exact test yet.
- Q. Now, just to go back quickly on the question of addiction science. You're not board certified in it. Have you ever received any specific training in addiction medicine?
- A. I mean, in residency, I did rotations in addiction. So certainly I treated many individuals on one particular unit,

inpatient unit, and some outpatients for their addiction.

- Q. What about outside of your residency?
- A. And then what I have learned through my role at ADM, as well as attending the various conferences, including the American Academy of Addiction Psychiatrists.
- Q. You described some of these doctors who presented at your May 2014 conference as addiction specialists?
 - A. Yes.

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- Q. You said many of them were addiction specialists, right?
 - A. That's correct.
- Q. So what would distinguish a doctor like that, who you would call an addiction specialist, from a doctor like you, who may have some experience with addiction, but it's not your area of specialty?

MS. KEARSE: Object to form.

A. So there is two routes to that.

One would be that they would go through an actual fellowship, such as one that Dr. Delos Reyes runs, and they would actually learn all

Page 160 about addiction prevention, treatment, and so 1 forth. The other route would be that they 3 ended up in a job where they are spending a lot 4 of time treating people with addiction, and 5 over time they would certainly be seen as 6 7 experts. Are there some individuals whose 8 Q. 9 brain is predisposed to be a addict, kind of 10 based on a lot of -- let me start that question 11 over, see if I can explain this idea right to 12 you. 13 Are there some --14 MS. KEARSE: A question. 15 MR. BOEHM: What's that? 16 MR. KEARSE: Hopefully, there is a 17 question. 18 MR. BOEHM: Well, I hope not to be 19 able to disappoint you today. 20 Dr. Smith, are there some people 21 whose brain is, kind of, predisposed to 22 addiction, across a variety of substances? 23 MR. KEARSE: Object to form. 24 Does that question make sense to Q. 25 you?

- A. Yeah. There are certainly people who seem to become addicted more readily to a wide array of substances, yes.
- Q. Is that more common than not, when you are talking about addicts?

MR. KEARSE: Object to form.

A. Many of the people that we've -that I am told about in our system are coming
in for one particular addiction, but, yes,
there is -- as we expand the availability of
marijuana, that's adding to the mix, so you are
finding more people.

Are they actually addicted?

Perhaps not, but there may be polysubstance use, even though the person may actually have the disease of addiction to one of the chemicals.

- Q. What do you mean by "polysubstance use"?
- A. We use the phrase when somebody comes in for treatment, and we learn that they are using marijuana and cocaine and opiates and what have you. So they would be using more than one potentially addictive substance, but many times, if they are coming in for

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treatment, they are really coming in for one particular diagnosable use disorder.

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Q. Why is that? If they are using many different addictive substances, why would it be that they are coming in to treatment for only one of those substances; why wouldn't they be getting treatment for more than one?

MR. KEARSE: Object to form.

A. So a disease of addiction means that you spend your time either using the substance, obtaining the substance, or thinking about obtaining the substance, and then all the behaviors that come from that, such as selling your parents' TV set to get the money to buy the drugs.

So that's the disease of addiction, where basically the addicted part of your brain, the animal part of your brain, is fooling the thought -- thinking -- the one we are all using today a lot, the thinking part of our brain, and making it believe that these behaviors are necessary, although not their usual behavior.

So that would be addiction.

Somebody might use marijuana twice a week, in

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quotes, recreationally, and it doesn't trigger their reward system to lead to the addiction as an illness. But they might have taken Percocet, and their brain got turned on by that, and they are actually actively addicted, that is, doing all those behaviors. That would be the difference.

- Q. Is it common for addicts to be using multiple addictive substances at the same time?
- MR. KEARSE: Object to form.
- 12 A. I'd say, yeah. It's not rare,
 13 sure.
 - Q. And is there some medical explanation for that?
 - A. A lot of people don't like, you know, how they -- maybe they use a substance, because they are addicted to it, maybe it gives them a side effect they don't like. They may look for something else to get rid of the side fact, which might, of course, since they are already buying drugs, often illegally, then might be something else they buy on the street. There is lots of theories behind it.

Q. Okay. From a forensic perspective,

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or a statistical perspective, would you be able to see a list of substances that somebody was using and make a determination as to which substance, in particular, the person was addicted to, or is that something you would need to determine based on a clinical relationship?

MS. KEARSE: Object to form.

- A. I would need some sort of data that would lead me to that conclusion, such as multiple admissions for that particular use disorder, or I would need that relationship. A list alone would not tell me the answer.
- Q. Would not tell you what substance was the one that person was addicted to?

 MS. KEARSE: Object to form.
- A. Correct. There are some medical record systems where you put in -- whatever you put in first is what they are there for, so you might argue that, but that's not uniform.
- Q. Just reviewing the documents, Dr. Smith, it appears to us that one of the things that the Summit County ADM Board has undertaken to do is to identify the root causes of opiate addiction and its impact in Summit County; is

Page 165 that fair? 1 2. MR. KEARSE: Object to form. What do you mean by "root causes"? 3 Α. Well, there has been some reference Ο. 4 to something called an opioid epidemic, right? 5 6 Α. Correct. 7 Ο. And that's something -- a term that you've used? 8 9 Α. Correct. 10 So when I talk about the ADM 11 Board's efforts to try and understand the root 12 causes, I'm talking about the board's efforts 1.3 to try and understand what has caused this 14 level of opioid abuse that sometimes gets 15 referred to as an epidemic; does that make 16 sense? 17 Yeah, that's correct. Epidemic is 18 used as a technical term, because the statistics, as done by epidemiologists, show 19 20 that it is an epidemic, based on how we define 21 epidemics. It's not just a word I'm using. It 2.2 is actually a technical term, because it reached that level. 23 Okay. But my question is slightly 24 Q. different. I'm just confirming that one of the 25

Page 166 things that the Summit County ADM Board has 1 2. undertaken to do is to try and identify the 3 causes of this opioid epidemic and its impact specifically here in Summit County; is that 4 5 correct? 6 MS. KEARSE: Object to form. 7 Α. Yes. And is it fair to say that the ADM 8 Q . 9 Board has summarized those findings and 10 conclusions and presented those findings and 11 conclusions to the community here in Summit 12 County? 13 Α. Yes. 14 0. What are we at, 9? 15 Α. Yes. 16 17 (Thereupon, Deposition Exhibit 9, A 18 Document From the Summit County Opiate Task Force, Beginning with 19 20 Bates Label SUMMIT 821280, was 21 marked for purposes of 2.2 identification.) 23 24 You are looking right now at a Ο. document, Dr. Smith, that has been marked as 25

Exhibit 9, for purposes of your deposition. It is a document from the Summit County Opiate
Task Force; do you see that?

A. Yes, I do.

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- Q. What is the Summit County Opiate Task Force?
- A. So starting in -- well, we planned it in 2013, but in early 2014, we launched the opiate task force.

This was to -- as we determined how difficult it was going to be to, we call it, fight the opioid epidemic, we realized it was going to take a village, as they say or, in this case, a whole county.

So we pulled together the task force. The task force started with four, now has six subcommittees, and the goal of the task force was to work on every possible avenue, to decrease needless deaths from opiate overdoses.

- Q. You indicated that -- I think you said "we" set this up. Did you mean that the ADM Board for Summit County is the entity that set up the Summit County Opiate Task Force?
- A. Correct. We are the ones who initially planned it and launched it, yes.

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- Q. Does the Summit County Opiate Task Force have its own leadership?
- A. Our goal was to make it a truly fully community-held entity. In practice, we tend to -- ADM tends to orchestrate all of the quarterly meetings and, through that mechanism, you could say, provide some leadership, but each of the subcommittees have their own leaders, drawn from community, and, you know, we don't tell them what to do. So they are their own leadership.
- Q. What are the subcommittees for the task force?
- A. So we have a -- no surprise -- a healthcare subcommittee. Dr. Thrasher is actually one of the cochairs of that, along with Dana Nelson, who is at Akron Children's. I will not know all the chairs. I know that one.

We have a criminal justice subcommittee, for law enforcement and judges and so forth, to figure out what angle their branches of government can bring to bear. We have a policy and advocacy subcommittee. They work with legislators. Both state and federal

Page 169 have come to our task force at times. 1 2. We have an youth subcommittee. That was a sad but kind of enlightening thing. 3 When we started the task force, we use to be at 4 4:00 in the afternoon, and we suddenly had 5 6 these young women showing up. It turned out 7 they had lost their brothers to opiate overdoses, and they wanted to do something 8 9 about it. So we then had to create -- we moved 10 our meetings -- I'm sorry. 11 We used to have it in the morning. 12 We moved to the afternoon so they could come 1.3 after school. So the youth subcommittee has 14 been very, very strong. 15 How many did I list? 16 You said healthcare, criminal 17 justice, policy and advocacy, and youth. So you have identified four subcommittees. 18 19 Okay. I would have to look at a 20 document to remember every single one of them, 21 but... 2.2 Q. No others come to mind right now? 23 I do most of my work with criminal justice and healthcare, so... 24 Yeah, I don't recall the other two. 2.5

I'll have to -- I'm sure it will be in a document somewhere.

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- Q. That's okay. Do you know who runs the task force? Who is the head of the task force?
- A. So from a leadership perspective,

 ADM really has taken the leadership. We have

 in recent -- in the recent year, I think, we

 have hired a woman name Chyna Darrington to be

 our lead of the Opiate Task Force. So she is
 - Q. What's the name again?
- A. Chyna, it's C-H-Y-N-A, Darrington, I think it's D-A-R-R-I-N-G-T-O-N. So she has been our -- relatively new, but she has come in as the leader, to help coordinate the meetings and so forth.
 - Q. When was she hired?
 - A. I believe this year.
- Q. Was there somebody who had her responsibility before she was hired?
 - A. No. It was Phil and us at ADM.
 - Q. Who at ADM was leading that charge?
- A. Well, when Jerry quit, Craig would be the one who would usually chair the big

Page 171 quarterly meeting. Either myself or Eric 1 Hutzell would, kind of, go over the data 2. dashboard, kind of, how the metrics were going, 3 and then we would have other people come 4 present from each of the task forces. 5 again, they are their own leadership. No one 6 7 is telling them what to do. You mean from each of the 8 Q. subcommittees? 9 10 Yeah, subcommittees, yes. Α. 11 Yes, so there was no one person who 12 could dedicate his or her time, and that's, we 13 felt, that was important, so... 14 Okav. Based on this document that I've marked as Exhibit 9 and that is in front 15 16 of you now, it appears that one of the things 17 the task force has done in Summit County is to 18 present findings about the opioid epidemic to 19 the broader community; is that fair? 20 Α. Yes. 21 This one looks like it was done in 2.2 Barberton? 23 Α. Correct. 2.4 Q. Do you remember this particular 25 presentation?

- A. Well, it's a document, but I don't.
- Q. Is this similar, in form and content, to other presentations made by the task force to community members in Summit County?
- A. I mean, everybody uses their own.

 Some use PowerPoint, some are using this. This looks like it was somebody's script. It says,

 "Thank you for the opportunity." So it looks to me like somebody wrote this out so they could follow along, as they gave a talk.
- Q. Is this something that you would have an opportunity to review, before an individual went to make a presentation?
 - A. No.
- Q. I say that, because this is something that was produced to us from your files. Do you know why a document like this would be in your files?
- A. Anything that's come up around opiates, I have tried to collect it and keep it and so forth. So I've got a lot of stuff in the files.
- Q. This document appears to reflect the Summit County Task Force's conclusions in

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Page 173 it and, therefore, the ADM board's conclusions 1 2. about how the opioid epidemic happened. Do you 3 see the first question there, it's, "How did this happen?" 4 5 Α. Yes. And is that a fair characterization 6 7 of what we are looking at here on the first 8 page? 9 Α. Yes. 10 So the first thing on the list here 11 is marketing; do you see that? 12 Α. Yes. 1.3 Could you describe for us why you 14 think this had something to do with opioid 15 abuse in Summit County? Sure. I mean, there is only two 16 countries in the entire world that allow 17 18 pharmaceutical companies to market their medications directly to the enduser, us and New 19 20 Zealand. I'm sure that's why New Zealand is on 21 there. 2.2 And, as a result of that, Americans 23 are much more likely to become aware of the 24 medications, in this case the opiates. 2.5 Q. Are you talking about

Page 174 direct-to-consumer advertising? 1 2. Α. Yes. 3 And in the United States, direct-to-consumer advertising is legal and 4 permitted, under United States law, right? 5 That's correct. But we are only 6 7 one of two countries in the world that allows that. 8 9 0. And do you disagree with the laws 10 allowing direct-to-consumer advertising? 11 Well, based on the opiate epidemic, Α. 12 I do now, yes. 13 O . That's a decision that's made by 14 legislators, right? That's correct. 15 Α. 16 Have you yourself ever had direct 17 interaction with a representative of any manufacturer of an opioid medication? 18 19 That's a good question. Again, I 20 don't prescribe them, so I don't tend to have 21 those reps. I certainly do psychiatric meds. I think the only one would be an 2.2 anti-opiate medication. I've met with the 23 Alkermes, it's A-L-K-E-R-M-E-S, representative 24 about Vivitrol. 2.5

- Q. You mean, like, an overdose reversal type of medication?
- A. Vivitrol is the injectable,
 Naltrexone, so it actually is one of our
 medications that we use for medication-assisted
 treatment. So it's a blocker. It's an
 antagonist.
- Q. Okay. Also under this marketing category there is a reference to a new philosophy of pain management; do you see that?
 - A. Yes.

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- Q. What does that refer to?
- A. Well, again, I haven't read this, but I believe it goes hand to hand with the physician piece, which is the concept that perhaps pain was undertreated, and pain is a vital sign, like pulse or respirations and, therefore, you know, say prior, I don't know the exact dates, I'll say 1995, because I'm sure that's true, you know, prior to 1995, if somebody sprained their ankle, they get rest, ice, elevation, maybe Ibuprofen, a week later maybe a heating bad.

The philosophy changed to where suddenly people were getting particularly

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Percocet and Vicodin, and I would think that was a change in philosophy of pain management.

- Q. When you talk about a change in philosophy of pain management, who is adopting this new philosophy; what are you talking about in terms of this mindset?
 - MR. KEARSE: Object to form.
- A. Well, I didn't write this, but I believe -- I believe --
- Q. Let's just pause there. I'm happy to have you look at this, but I understand this to be from the Opiate Task Force for Summit County, and I understand that entity to be under the direction and control of the ADM Board.

So if there is anything in here that you disagree with, in terms of your physicians or you think mischaracterizes it, then I would be happy to pause and let you look at it, and you can let me know if that's the case. Do you want to do that?

A. No. The point is if they write a phrase, "A new philosophy," I don't know exactly what the writer meant by that phrase.

I can describe to you what I believe has

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happened with that, which is, again, we went from my training, prior to 1995, that we should be very careful about addictive substances of all types that we could prescribe and, therefore, not use them unless it was really extreme.

So my training on opiates was end-of-life pain, cancer pain, maybe a kidney stone or childbirth, but it was not ankle sprains, it was not low back pain.

And the change seemed to be, and I don't know exactly all the parameters there, but whether that really came from patients or really came from some other forces, was that we would start to give out addictive opiates to a much broader group of people, and the net result of that is you find more of those brains that we never would have found under the old model.

You would find more of those brains that have a predisposition for addiction to opiates, and you now end up with a bunch of people addicted to opiates, who never would have, and some of them died.

Q. I think, if I hear you right, you

are saying that prescribing practices of healthcare providers shifted to prescribe opioid medications more commonly than they maybe would have sometime earlier; is that right?

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- A. They shifted under pressure, yes.
- Q. When you say "under pressure," what do you mean?

Why do you think that physicians changed the guidelines in terms of -- well, let me actually back up and say it, I hope, better.

What do you think accounts for the changing guidelines for increased prescribing of prescription opioid medications?

A. So I believe somewhere around 2001, I'm sure there was pressures from -- not from physicians, prior to this, the Joint Commission adopted, and they are the ones who accredit hospitals and outpatient programs, including the state psychiatric hospital I worked at for years.

Joint Commission adapt -- I think they were -- used to JCAH, and now they are just the Joint Commission, they adopted pain as the fifth vital sign, in the sense that they

incorporated it into standards.

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So when they would come to survey, including my own hospitals at the time, we were required to do all -- jump through all sorts of hoops, to make sure that a patient's pain was managed, even though nobody was coming to our hospital for pain, we would have to do that.

The net result was, there was a lot of pressure, because you had to meet standards, there was pressure on physicians to start handing out Vicodin and Percocet in particular, sometimes OxyContin, when we, otherwise, would have been giving Ibuprofen and Tylenol, and that definitely did not come from the physicians.

- Q. Well, you talked about this Joint Commission. Can you tell us more about what the Joint Commission is?
- A. Yes. So they are a private entity, although they're -- for many years now they have been very connected to Centers for Medicare and Medicaid. So I'm not sure how private they are anymore.

But they go in, and they will survey an outpatient setting or a hospital.

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They have a huge list of standards, everything from using separate cutting boards for your meat and your vegetables, to how you address pain, and everything in between.

So we are -- the hospitals -- it's a badge of honor, basically, to be Joint Commission accredited. No hospital wants to not be Joint Commission accredited, and as a result of that, hospitals work to comply with these standards, even if they disagree with them, even if they are in the background pushing back on them, which I did, actually, at Northcoast, before knowing there was an opioid epidemic.

So we -- we were forced, in effect, to start paying a lot of attention to pain and, in effect, forced to start giving Percocet and Vicodin and other things that we certainly would not have been planning to give prior to that.

- Q. You talked about how the joint commission adopted pain as a fifth vital sign; did I hear you right?
- A. That's correct, and that's in the document.

Q. And what does that mean?

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A. So they, and I don't know who they was, somebody prior to Joint Commission created this, I don't know who created it. They brought the idea up, and Joint Commission adopted it.

That concept was that it's so important in a hospital to pay attention, obviously, to your life vital signs. Pain is equally as important, as a vital sign, as your blood pressure. It is so important that you must address it, just as if you would address their heart rate being too slow or their blood pressure being too low, i.e., really putting it at a really high bar. This is like really, really important, like, life requirements.

Even though physicians didn't agree with that, I've heard many physicians say that, number one, it's not a vital sign; number two, the only way you can even wrap your mind around it is that if you are in pain, you know you are alive. So that, I guess, is a vital sign.

That's what I mean by that.

Q. How did that impact the way in which prescription opioid medications were

being prescribed by healthcare providers?

- A. I think it tremendously increased the prescribing of opiates. And as you see on the document, led to the United States, even though we are not even 5 percent of the world's population, using 99 percent of the world's Vicodin. That's not happenstance. That is clearly there was pressures to lead to that problem.
- Q. You indicated there was pressure on physicians to prescribe more pain medications; did I hear you right?
 - A. Yes.

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- Q. What did you mean by that?
- A. Well, if you are told by the leaders in your hospital or clinic that you have to take pain as seriously as pulse, then you are now going to do more and more and more and more about that, which is what happened.

Add to that that some hospital systems were actually then giving at least partial -- partial reimbursement of physician salaries, and I'm saying physicians, eventually it was all prescribers, with nurse practitioners, but partially your salary was

tied to your patient satisfaction scores.

So you have a lot of people coming in with addiction, and you're saying, "No, my clinical judgment is I'm not going to give you any more Percocet," and they say, "Well, then I'm going to downgrade you," suddenly you've just hurt your own salary by doing what clinically you believe is right, and over time, human nature is you're going to just -- fine, I want my money, like anybody else does, and you're going to end up overprescribing, because it's the only illness where patients are basically now allowed to dictate the treatment they get.

- Q. Can you tell us more about these patient satisfaction surveys; how did that work?
- A. So big ones, like -- even like

 Press Ganey, basically, I would give, if I

 treated -- let's say over the course of a

 month, I treated everybody in this room. At

 some point thereafter, you would be given the

 opportunity to fill out a satisfaction survey.

The survey would ask questions about your care, did you feel like you got the

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right treatment, or maybe even the right medications, depending on the survey, and, of course, if this part of your brain is now being tricked by your addicted brain, your illness, well, now you're really pretty dissatisfied that Dr. Smith wouldn't give you -- wouldn't double your dose of Percocet.

So now I get a de- -- I get a low report, and I get enough of those from people with addictions, because again more people are getting these drugs, more people are getting addicted, now I get all these surveys saying, "Hey, Dr. Smith's not a very good doctor," and my pay gets cut, because the hospital tied my pay to the survey, and human nature is, you're not going to let that happen.

Over time you're going to be like, you know what, all my colleagues seem to be giving out Percocets like this, all the patients are getting it, so I'm just going to start doing it too.

And so the pressure was not only on keeping your job, because you had to help the hospitals and the clinics keep their Joint Commission accreditation, it was also on your

salary.

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So really for two reasons, physicians were prescribing at a much higher rate than certainly I was ever trained to do.

- Q. Who was implementing these patient satisfaction surveys that you referred to?
- A. I don't know exactly all of them.

 Press Ganey is the big one that you hear about.

 The hospitals --
 - Q. Who was implementing them?
- A. So hospitals do. Hospitals and clinics, because it's about customer service.

So you -- you know, good business practice is let's make sure we are keeping our clients, customers, consumers, whatever you want to use in your business, satisfied.

And so they started doing these surveys, and some of them decided to tie part of physicians' salaries, I guess some kind of a weird version of value-based payment, to the patient satisfaction surveys.

Q. Did any government entities or medical organizations, other than the Joint Commission, also adopt these standards designed to address the problem of untreated or

Page 186 undertreated pain? 1 2. MR. KEARSE: Object to form. 3 I honestly don't know. I don't Α. know how much the AMA got involved, I don't --4 so I don't know whether there was another 5 component of this that got involved. 6 7 I know that the -- all the talk amongst physicians that I was interacting with, 8 9 again mostly psychiatrists and primary care 10 doctors, was this sense of why is pain a vital 11 sign, why are we being told that we have to 12 make such a big deal about pain, because none 13 of us were trained that way. 14 Okay. You're not aware of any Ο. 15 other entities in the medical community or 16 regulatory bodies also modifying prescribing 17 standards or guidelines, with an eye toward 18 ensuring that patients who are suffering from 19 debilitating pain received treatment for that 20 pain? MS. KEARSE: Object to form. 21 2.2 Q. Other than the Joint Commission? 2.3 As I said, in my mind's eye, the

this moment, I don't recall.

AMA might have done something, but sitting here

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O. What about the VA?

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- A. I don't work for the VA.
- Q. But I'm asking if you are aware of that? I mean, you have looked into what you understand to be the causes here, you have got this document that describes what you understand the causes to be. So that's what I'm asking you about.
 - A. I wouldn't -
 MR. KEARSE: Object to form.
- A. Again, the VA probably isn't Joint Commission accredited, but I wouldn't doubt that they are having those very discussions.

Again CMS, which is also federal government, very much working together with Joint Commission more and more every year, I think. So I wouldn't be surprised if the VA would have also done some version of pain as a vital sign and said we need to treat pain better.

- Q. Were there respected physicians in academia who also were trying at this time to highlight the importance of undertreated or untreated pain?
 - A. I'm sure that was in the background

of all of this. No doubt that there must have been some physicians. Again, at this point, I'm jaded by all this. So, you know, some of them probably were paid speakers by Pharma to go around and talk about the wonders of OxyContin, for example.

So I don't know how much they could have been -- they usually are really well respected people, and they might have really believed what they were saying, but I think that would also be another pressure on physicians, in general, to say, "Oh, well, if Dr. Jones said that, it must be okay to start using it."

So it is another reason we would start giving out more opiates that we otherwise wouldn't have, just using our prior clinical judgment.

Q. You said that at this point you are jaded by this, and I think what you mean, and tell me if I'm wrong, is that at this point you are looking back in time, retrospectively, and assessing statements that were made, in some cases decades ago, about the problem of pain --

Object to form.

MS. KEARSE:

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- Q. -- and treatment of pain; is that right?
- A. Well, I'm jaded because of so many people that have died needlessly from this, and seeing statistics such, wow, look how many opiates we use in this country compared to any other country, clearly something went wrong.
- Q. I understand that. I'm trying to ask a slightly differently question.

You talked about -- I've asked you about medical organizations, regulatory bodies, specific respected physicians in academia and in private practice who were trying to address the issue that they thought was important at the time, undertreatment and untreated pain.

And my question for you is, do you think that those people were being dishonest or disingenuous or were throwing away their good-faith medical judgment for pecuniary gain?

MR. KEARSE: Object to form.

- A. No. As I said -- I did say, I don't doubt that they believed what they were saying at the time. It just clearly was wrong.
- Q. In hindsight, you're saying what those people were saying then, you don't

Page 190 believe is correct, but you are not suggesting 1 2. that they had ill will or that they were 3 favoring money over the safety of their patients? 4 5 MR. KEARSE: Object to form. 6 I mean, if you disagree with that, 7 just tell me. I just want to know what your opinion is. 8 9 I do think -- I think there has been a big exposé on this in recent years, that 10 11 there were -- there are some physicians, 12 historically, and it's much harder now, who 1.3 did, in fact, take a lot of Pharma payments to 14 promote -- help promote certain medications 15 that, yes, they were choosing money over 16 ethics. 17 Are you aware of any particular 18 doctors who you think -- now, let me give you 19 an example. You have been paid, right, by 20 lawyers to give testimony in cases, right? 21 That's correct. 2.2 Q. Right. And you are paid \$400 a 23 lawyer for that, right? 24 Α. Most recently, yes.

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Q.

When you do that, do you throw out

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your own independent medical judgment because you're being paid \$400 an hour to offer opinions?

MR. KEARSE: Object to form.

A. No. There is a big difference though. I'm paid for my time, not my opinions. So I often am retained to review a case, and you know what, my opinion doesn't favor the person that hired me. They still pay me, and it just doesn't go forward to trial, or what have you, with me. Sometimes nobody even knows I existed, because of the discovery rules.

So that's different than, doctor, go out and lecture, because we're going to watch you do it, and, by the way, we are going to pay you X amount to say great things. Not only that, we are going to give you the slide set, and you can't deviate from the slide set, because that's what we want you to say, which is what Pharma does.

I did one of those lectures, years ago, for Risperidone, a long, long time ago, and I didn't like it at all. It was canned, and I couldn't go off script, so to speak.

Yes, I believe there have been

physicians, and I think we have seen exposés about that, where they made over \$100,000 giving talks about something that, it's a little hard to believe, that they all believed everything they said in those canned transcripts.

- Q. Are there particular physicians who you want to identify, who you think have -- who have thrown out their clinical judgment for pecuniary gain?
 - A. No. I don't know any personally.
- Q. You are not aware of any specific instances of that, right?
 - A. Correct.
- Q. You indicated that when you were at Northcoast, did I hear you say that you, kind of, pushed back on the prescribing of opioids?
- A. I pushed back on the need for us to emphasize pain for every patient coming into the hospital. We had myriad discussions, and even talked to Chicago, to the Joint Commission, and CMS actually at one point, to say, can we not do this as part of the standards, that this was a -- my fear, quite frankly, part of the time was addiction.

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And this is not our business. This is not what we are doing. We've got primary care doctors, psychiatrists. We don't have a pain specialist on staff. Why are we being told -- I mean, we were told, through this process, if they couldn't answer your question about pain, we had to show them little grimace faces and smiley faces, the FLACC scale, and try to get a sense of their pain that way.

Just way different than the rest of the kind of care they were trying to provide to people with psychosis and depression and mania. It just didn't make any sense that we were being required to focus on pain.

- Q. If I understood your testimony earlier, at Northcoast, the psychiatric hospital, it was very infrequent that people showed up with --
 - A. It was.

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- Q. -- with opioid prescriptions, right?
 - A. Correct.
- Q. And, in fact, I thought I heard you testify that in all of those instances, those individuals showed up with already having been

prescribed opioids; did I understand that correctly?

A. That's correct.

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Q. Okay. So when you talk about pressure at Northcoast on physicians to prescribe opioids, how does that match up with what you testified to earlier?

MR. KEARSE: Object to form.

A. I didn't say pressure to prescribe opioids. I said pressure to deal with pain as such a big issue.

So we still did have to ask every patient about pain, give every patient a pain scale on some regular basis, nurses had to be burdened to go check with the patients on a frequent basis about pain. So it really did add a layer that just didn't -- it took away time for the more important things we were there to treat.

Q. I see. So when you talk about pushing back, you're talking about the effort to pay attention to patients' pain, maybe more than you otherwise would have, not really the use of prescription opioid medications, right?

MR. KEARSE: Object to form.

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Page 195 Α. Correct. 1 2. Q. Are you aware --MR. BOEHM: I'm almost done. 3 Wе can go to lunch. 4 5 MS. KEARSE: Yeah. I think the 6 court reporter --7 0. Are you aware of any specific instances in Summit County where healthcare 8 9 providers, you believe, chose their own salary, some financial benefit over making a decision 10 11 that was, in their view, at that time, 12 clinically appropriate for the patients that 1.3 they were treating? 14 MR. KEARSE: Object to form. 15 I am not, but again, in my role, I 16 wouldn't just stumble -- I wouldn't find that, 17 unless probably it was in the newspaper. So it 18 wouldn't be something that I would, like, 19 happen upon, you know, in my chart reviews or 20 something. So, no, I'm not aware. 21 And in your efforts to try and understand opioid abuse, the level of opioid 2.2 23 abuse, the causes of the opioid epidemic in 24 Summit County, you are not aware of any instance where you believe the healthcare 2.5

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     provider sacrificed, what was in his view, his
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     or her view, what was appropriate for a
     particular patient, in favor of more money?
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            Α.
                  I'm not.
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                  MR. BOEHM: I think we can take a
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     break and maybe go to lunch.
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                  THE VIDEOGRAPHER: Off the record,
     12:32.
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                  (Recess taken.)
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                  THE VIDEOGRAPHER: We are back on
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     the record, 1:46.
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                  I hope you had a nice lunch, Dr.
            Q.
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     Smith.
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            Α.
                  Yes, thank you.
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            0.
                  Welcome back.
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                  When we broke, we were looking at
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     this document that's been marked as Exhibit
      9 --
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            Α.
              Yes.
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                  -- from the Opiate Task Force for
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     Summit County, and we were going through some
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     of the information listed here; do you recall
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     that?
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            Α.
               Yes.
                  I want to direct your attention to
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            Q.
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the section with the Physicians heading. It is in the middle of the first page.

A. Okay.

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Q. Do you see that?

The final bullet point says,

"Accrediting bodies have addressed pain relief in their standards, again affecting reimbursement"; what does that mean?

- A. So similar, that's probably, mostly, the Joint Commission, as an accrediting body. So again, if you're not -- if you're not complying with the standard, then whoever is employing the physician is not going to be happy, so your job is potentially on the line, if you don't comply, and that standard really pushes physicians to prescribe more narcotic pain meds.
- Q. Okay. When it talks about accrediting bodies, in the plural, are there other accrediting bodies that you are aware of, other than the Joint Commission, that addressed pain relief in their prescribing guidelines and standards?
- A. Well, CS -- so Centers for Medicaid and Medicare, and I may have those two

reversed, but anyway, CMS, they do so much with drug commission, they may well have. I don't know if they are exactly in that -- in their conditions of participation or not, but they may have.

- Q. What does it mean here, where it refers to the effect on reimbursement?
- A. Well, so if -- the CMS is about money, Joint Commission is not, but if Joint Commission has a negative finding, then they usually report it to CMS, who then comes and reviews, and if you're not meeting standards, then they will pull money, so CMS would literally reimburse less, which means now someone is angry at the doctor. Again, it's a vicious cycle.
- Q. Is the Joint Commission led by individuals with medical and scientific expertise?
- A. My understanding is they do have some physicians, I think. I don't know if he's still there, I think there was a doctor, maybe Mark Chassin, who was the executive director at some point, but they do have -- certainly have physicians, and their surveying team usually

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includes at least one physician, and then nurses and social workers who come out, and environment people, who understand code and so forth, to make sure you have a safe environment.

- Q. Do you know anything about the processes by which the Joint Commission establishes prescribing standards and quidelines?
 - A. I do not.

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Q. Do you have any reason to believe that the Joint Commission, in establishing guidelines with respect to opioids and opioid prescribing practices, failed to exercise what, at the time, those individuals believed to be their best clinical judgment about what was appropriate?

MR. KEARSE: Object to form.

- A. Can you repeat that, please?
- Q. I'm hoping it's good enough just to have the court reporter read back to you, and I can rephrase it if it doesn't make sense after that.

24 THE NOTARY: Question: "Do you have any reason to believe that the Joint

Commission, in establishing guidelines with respect to opioids and opioid prescribing practices, failed to exercise what, at the time, those individuals believed to be their best clinical judgment about what was appropriate?"

- A. No. I have no -- no way of questioning that.
- Q. Okay. You can set that document aside.

Actually, before you do that, you don't even need to turn back it to, but you notice that document used the term "epidemic."
We talked about that.

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- Q. And you had mentioned, in your testimony earlier, that there is an epidemiological definition or standard for the term "epidemic"?
 - A. Yes.
 - Q. What were you referring to?
- A. So epidemiologists have the role of watching data trends. If a bunch of people get sick, they go and investigate, and they may discover that was E. coli in Chipotle lettuce,

for example. That's how that all works.

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So with this epidemic, they look at metrics, the math, the numbers of people affected, the deaths, and you can determine -- and I don't know the exact cutoff, but they do determine then whether something is officially epidemic.

There is a Dr. Li, L-I, at Columbia University, who is very well respected in this, and he looked at this and compared it even to epidemics like the 1918 flu epidemic that killed so many people, and this meets all the metrics, mathematically, that that epidemic met.

Q. Okay. So your understanding is that the term "epidemic" is, in scientific terms, a statistical matter, it's a statistical question, it's a term of art?

I'm going to strike all that. That was a mess. I'm going to back up and start over.

Is it fair to say that your understanding of the term "epidemic," as used in the scientific community, is that it has to meet a particular defined scientific standard?

MR. KEARSE: Object to form.

- A. Yes. I believe it's based on a mathematical calculation, yes.
- Q. Okay. You are not an epidemiologist, I take it, correct?
 - A. I am not.

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- Q. So you yourself have not conducted any kind of analysis to determine whether or not anything, including opioid abuse, is an epidemic; is that fair?
 - A. Right, I have not.
- Q. When you talk about an opioid epidemic, what outcome are you specifically referring to, when you say epidemic?
- A. So my understanding is the epidemic is about the number of people dying, as it was in the 1918 flu epidemic.

It's about you got X number of people dieing in a certain timeframe by a certain mechanism, and if it reaches a certain mathematical threshold, again, I don't know what that is, it can be defined as -- officially as an epidemic.

Q. Do you know in what year the mathematical standards for calling something an

Page 203 epidemic was met, in terms of opioid-related 1 deaths? 3 Α. I don't know the exact year. I do know that the first time I saw it published was 4 by Dr. Li in 2014, because I cringed when I 5 read it, because further, the mathematical 6 7 model predicted that the epidemic would not peak until 2017, based on his math. 8 9 Ο. I'm asking you a slightly different 10 question, not when did you read an article 11 about or even when an article was published. 12 My question to you is do you know 13 in what year, based on what mathematical 14 standards would be applied to determine whether 15 or not something meets the definition of an 16 epidemic, that would be the case with respect 17 to opioid-related deaths? 18 MR. KEARSE: Object to form. 19 Α. I don't know the year. 20 Okay. I think we are at Exhibit Q. 21 Number 10. 2.2 2.3 (Thereupon, Deposition Exhibit 10, 2.4 Email Exchange From February 2014, Beginning with Bates Label SUMMIT 2.5

Page 204 105557, was marked for purposes of 1 2. identification.) 3 Which I'm going to give to you now. 4 Q. Exhibit 10, Dr. Smith, is an email 5 exchange from February 2014 that starts with a 6 7 February 21 email from you; do you see that? Α. 8 Yes. 9 And it appears that this February 10 2014 email from you is an invitation to 11 individuals to attend the May 31, 2014 12 conference that you organized and that we 13 discussed earlier today; is that correct? That's correct. 14 Α. 15 And you write, if you look in the 16 middle of the page, "Clearly, the epidemic is 17 the result of many factors"; do you see that? 18 Α. I see that. 19 "And attempted resolutions will 20 require new laws, new public processes, and changes in the behavior of both patients and 21 2.2 clinicians." 23 Α. Yes. 24 Q. I read that correctly? 2.5 Α. Yes.

- Q. When you wrote that, "The epidemic is the result of many factors," what epidemic were you referring to in February of 2014?
 - A. The opioid epidemic.

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- Q. Referring to the number of opioid-related deaths?
- A. Yeah. You asked what epidemic, I said the opioid epidemic.
- Q. Right. And specifically, you are talking about the number of opioid-related deaths; is that correct?
- A. Right. And I may have very well read that article by then, yes.
- Q. You say that that epidemic is the result of many factors. What did you mean by that?
- A. That there is a bunch of reasons that we ended up with an epidemic, including things we've talked about today, the direct-to-consumer marketing, the fact that pain became such a focus that required physicians to prescribe opiates at a much higher rate than they would have previously and so forth.

One of the other factors was the, I

guess, mischaracterization of OxyContin as not being addictive because somehow it was a new form, and, therefore, doctors could use it at will, and that, of course, was false.

- Q. When you talk about the mischaracterization about OxyContin, can you be more specific about what you are referring to?
- A. Yes. My understanding is that the makers of the drug were using an article, that wasn't even a study, from, I forget, Dr. Jick, or something like that, who had studied a few of his own patients and decided that, oh, look, very few of them get addicted, and that got taken around the country, but with the pharmaceutical representatives and others, and it was another educational thing for physicians, but it was not true, and it wasn't a study either, and so that's another factor.

So now you've got physicians who generally go into the profession to care for people, you know, first do no harm is our big issue. We really want to help people, and so we believe we are helping people, oh, good, I've got patients in pain, everyone is telling me I've got to treat pain, here is a drug that

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won't cause addiction, so I'm going to use this drug, and it turned out to be just as potentially addictive as other opiates and, sadly, just as deadly.

Q. I am going to ask you to turn back to Exhibit 9 after all, since you, kind of, referred back to it.

As we discussed, this document asked the question, "How did this happen?" at the very top of the document; do you see that?

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- Q. And then do you see what I take to be the Summit County Opiate Task Force's answer to that question, as laid out in these bullet points; is that fair?
 - A. Yes.

MS. KEARSE: Objection. Form.

Q. And you referred to -- we've discussed some of them, and I haven't discussed every detail about each of them, but my question for you right now is whether or not, in reviewing this list, there are other factors that you believe have materially played into the opioid epidemic, in Summit County and beyond Summit County, that are not identified

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and discussed here on the first page of Exhibit 9.

- A. Let's see. I have to look at this and see if it is missing some of the ones that we think about.
 - Q. Sure. Take your time.
- A. Yeah. There is one here we haven't discussed, which is under Marketing, the last bullet point, "Perceived safety of prescription drugs."

You know, so part of the problem is that, if you go back in time again, I just use 1995 because it predates all this stuff, you know, most physicians and the public, I expect in general, had a sense that opiates were dangerous.

The only thing most of the public knew about opiates was the very different kind of heroin problem that occurred way back in the 70s, kind of attributed to like down-in-the-gutter kind of people, a very, very different issue.

And now suddenly you are hearing from your friends, your neighbors, your physicians and others, and again

direct-to-consumer advertising and so forth, oh, these drugs are fine, they are safe, you have pain, you deserve your pain to be treated, you know, more effectively, and so the perception of the public becomes, oh, then they must be safe, we are hearing about them all the time, and the net result is then even patients coming in with a sprained ankle asking for the opiates now, because they are hearing about these opiates. They never would have done in that 1995. They were doing that. So that's another factor we touched on that definitely has an effect.

- Q. Okay. Do you know of any healthcare providers, who have prescribed prescription opioid medicines, who did not know that they had addictive properties?
 - A. No.

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- Q. Okay. Anything else that you think is a material contributor to the opioid epidemic that is not identified here in Exhibit 9?
- A. No, not at the moment. This is pretty comprehensive.
 - Q. The third category here is about

Diversion. Can you explain to us what diversion is?

- A. Sure. So diversion would be that an individual gets their prescription of whatever, in this case opiates, and they either give it or sell it, some of that portion of that, to somebody else who was not officially prescribed that medication.
- Q. All right. Let's go back to Exhibit 10, where we were discussing you having announced this May 2014 conference about opioid abuse that you were organizing, right?
 - A. Yes.

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- Q. And a gentleman by the name of Nick Jouriles, -- am I pronouncing that correctly?
 - A. Yes.
- Q. Mr. Jouriles writes back to you saying, "Blame TJC for regulating," quote, "pain, the fifth vital sign and so modifying physician behavior. Thanks"; do you see that?
 - A. Yes.
 - Q. Who is Mr. Jouriles?
- A. Actually, Dr. Jouriles, he was the, at the time, the head of the -- all of the emergency departments for the Akron General

Page 211 Hospital system, now Cleveland Clinic/Akron 1 General. 3 Yeah. His email address says Akron 0. General. Does that mean he practices in Akron? 4 5 Α. Oh, yes. Is he a well-respected physician in 6 Ο. 7 the community? Α. Yeah. He wouldn't be the chair of 8 9 the department, if he wasn't. Yes. 10 Do you know if Dr. Jouriles 11 prescribed or has prescribes opioid medicines? 12 As an emergency physician, I'm sure 13 he has. 14 And Akron General Hospital has Ο. 15 prescribed and continues to prescribe opioid 16 medications to patients, correct? 17 Α. I'm sure they must. 18 What did you understand Dr. 19 Jouriles to be saying when he referred to the 20 fifth vital sign from TJC modifying physician 21 behavior? 2.2 I think it was short for what I 23 have described in more detail, the Joint Commission. TJC, you know, took this -- I 24 don't think created, but took the fifth vital 25

sign and incorporated it into some pretty stringent standards, and then modified physician behavior, forcing us to prescribe more opiates than we otherwise would have, based on our purely unfettered clinical judgment.

Q. When you say the doctors were forced to prescribe more opioids, is that the -- what do you mean by that?

Do you think that there were doctors who were compelled or forced to prescribe opioids?

MR. KEARSE: Object to form.

- A. Yes. Certainly.
- O. How so?

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A. Again, if you're working in a system that is accredited by the Joint Commission, which also probably means CMS, and you don't follow the standards, and the hospital gets a citation for not meeting the pain standards, then that physician's practice is in danger. So that's pretty forcing.

You are going to lose your job if you don't, you know, go with the flow. They probably have individuals at these big -- I'm

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sure they do -- individuals in the systems who go around and review charts, match the standards, they look at Dr. Jones' chart, match the standards, they look at Dr. Jones' chart, and they are going to be all over Dr. Jones if Dr. Jones is going to lose them that accreditation.

So that's -- I would say the doctor is going to be pretty well forced to either resign or go with the flow. Well, you know, human nature, doctors are humans as well, you are probably going to try to go with the plan.

Q. Okay. And let me go back to a question that, I think, we touched on earlier.

Are you aware of any specific doctor, who you know of, who prescribed an opioid to a patient against his or her best clinical judgment because of concern about money or concern about hospital administration taking action against that physician?

MR. KEARSE: Object to form.

A. So I can't exactly recall names, but at conferences and other situations, where I was amongst physicians, where the topic of opiate prescribing came up, many physicians

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were complaining that they felt like they were prescribing a lot more opiates than they would have liked to prescribe, and the Joint Commission, CMS, and patient satisfaction scores were the main reasons they gave.

- Q. Are you able to identify any particular instance where, in your judgment or to your knowledge, a specific physician made a specific prescription of an opioid to a patient when that physician believed it was not in that patient's best medical -- in the interests of that patient's best medical care?
 - A. No, I can't give that detail.
- Q. You write in this email, on February 21, 2014, that, "The epidemic is a result of many factors, and its resolution will require new laws, new public processes, and changes in behavior of both patients and clinicians."

When you refer to it requiring new laws, what did you have in mind?

A. So there needed to be -- at that point, it was so imbedded with Joint Commission, so we really needed some laws about pushing back on that, thus decrease the number

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of pills we are giving out, let's decrease the pressure on physicians, let's -- and that also helps the public perception, because when they hear, wait a minute, there is a problem, there is so much of a problem that our government has just made a law that says you are not going to be able to get X amount of pills and that kind of thing, so that's the kind of changes that I'm referring to.

- Q. Were there particular laws that you had in mind here when you said that combatting the opioid epidemic would require new legislation?
 - A. I think I just answered that.
- Q. Nothing else, no other particular laws that you had in mind here?
- A. Well, again, my purpose of this was by physicians for physicians. So it was really about helping the physicians get out from under the burden of these kind of pressures.

There were -- I'm not sure if they were in evidence yet or they were about to come out, there were some prescribing guidelines that were being -- if not created, had just been created for the emergency room physicians,

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and postings to post for the patients, so the patients understood you're not going to walk into this ER and just get as many pills as you want, because there are new rules for the doctors, as well as the patients.

So all of those kind of factors were ways to help protect the -- and decrease the overprescribing.

- Q. Are you talking the OARRS database requirements?
 - MR. KEARSE: Object to form.
 - A. No. Separate from that.
- Q. Okay. I'm sorry. I'm probably just being slow on the take here, but what is the specific legislation that you thought needed to be passed in 2014, that wasn't yet in effect, to help combat the opioid epidemic?
- A. So rules that would push back on the vital sign requirements, that would allow physicians to use their clinical judgment without concern for Joint Commission or anybody else making pain an erroneous fifth vital sign, as one example.
- Q. Do you have any other examples; anything else that comes to mind?

A. I don't remember. We have had so many laws passed that what wasn't then or what needed to be, I'd be hard pressed to tell you that.

- Q. Okay. You next talk about new public processes. What did you have in mind with respect to new public processes?
- A. A lot of that, that as well as the behavior of patients, was about helping the public understand addiction as an illness and help get rid of stigma, so, like, patient behavior could change, so they'd actually come in to get help. A lot of people with addiction still don't, even now, come in to get help.

Public processes, some of that is because many people in the public, probably less so now with the epidemic, but many people, I suspect even some in this room, don't necessarily understand addiction as a disease, and that's -- that's damaging, because then people are afraid to go get help, they don't want their colleague to know they got help and so forth. So that would be another change that we would need to eventually -- still, I think, need to accomplish.

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Q. How do you do that through public processes?

A. Education. Some laws can open up doors to making it -- if you -- mental health has a stigma. Addiction has a stigma. If I said that as part of your -- whatever your health plans are, ours is Med Mutual, that not only is it an option for you to go get an assessment for addiction, it's required, and that became the norm over time, that would get rid of the stigma. It would be a normal thing to go in, and everybody gets an addiction assessment.

You wouldn't be -- she wouldn't be stigmatized to say to me, hey, I had my assessment today, because it would be the norm. So that would be another -- that would be a huge public process, affecting all of healthcare, for example.

Q. And this may lead into the next category that you mentioned in your email, which is, "Changes in both patients" -- sorry -- "Changes in the behavior of both patients and clinicians."

What did you have in mind when you

talked about combatting the opioid epidemic through changes in the behavior of both patients and clinicians?

A. Sure. So the idea for -- I'll start with patients, would be to help decrease the barriers to getting access to care. One of the biggest is stigma. And we want to help them -- educate them enough so that people would realize it is worth them changing their behavior, getting in to get help, as opposed to continuing to suffer in silence, many times. Excuse me.

The clinicians, again it was more about making sure they were educated so that they could maybe have a better chance of following their own clinical thought process, as opposed to falling prey to a lot of these other factors that were forcing and requiring them to prescribe more opiates than they hoped, than they would have in their own practices.

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(Thereupon, Deposition Exhibit 11, October 2016 Email Exchange Between Smith, Craig, and Skoda, Beginning with Bates Label SUMMIT 153786, was

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Page 220 marked for purposes of 1 identification.) 2. 3 I'm going to give you a document 4 0. 5 that I've marked as Exhibit 11. It's an email exchange that goes back to October of 2016 6 7 between you, Mr. Jerry Craiq and Dr. Donna Skoda; do you see that? 8 9 Α. Yes. 10 It appears that Dr. Skoda is 11 forwarding -- I'm sorry. Is she a doctor? 12 Maybe I'm mis- --13 Α. No, she's not. 14 Ο. -- misdesignating her. 15 That Ms. Skoda is forwarding to you 16 a link to a DEA press release; do you see that? I see it. 17 Α. 18 She writes, "See the link below. Amen"; do you see that? 19 20 Α. I see that. 21 And then you write back to her 22 saying that you recently told the board, and by our board, you mean the ADM --23 2.4 Α. Yes. -- board of directors, or do you 25 Q.

mean the whole ADM Board, kind of, staff and employees?

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- A. In this -- that case, it may have been both, both the staff and the actual board of directors, right.
- Q. So when you say, "I recently told our board," in this email you mean you told the employees of the ADM Board for Summit County and the board of directors for the ADM Board -- MS. KEARSE: Object to form.
 - Q. -- is that right?
- A. That's correct. They asked -- they asked the question. The board asked -- I gave a presentation about the epidemic, and the board asked, well, what would -- what is the one way we could really resolve this, and I gave them a lot of other answers, as I've given today, but I did say if we could make -- change all the laws, pressures and everything, and roll back the clock to 1995 and treat pain the way we did then, that would do it.
- Q. Okay. You made a presentation to the board of directors about the opioid epidemic --
 - A. Yes.

Page 222 -- in 2016? 1 0. 2. Α. Yes. Was that at the board of directors' 3 0. request? 4 Α. Yes. 5 Did you prepare a slide deck, in 6 Ο. 7 connection with that presentation? I'm sure it's pretty much the same 8 9 one that I use, that you've got, my guess is, 10 20 copies of, but yes. 11 I'm not sure we do have that. 12 that something that would have been in your --13 Α. Yes. 14 -- in your documents? 15 Α. It's part of everything that was qiven, sure. 16 17 Ο. Okay. Do you recall when you made 18 that presentation to the board of directors? 19 Well, since I said recently, that Α. 20 probably means it was in late September of 16, 21 would have been probably two weeks -- a week or 2.2 two before this. 23 And you said the board of directors asked you a question, right? 24 Well, in advance, we determine what 2.5 Α.

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topics. So most every board meeting, somebody, many times it's other agencies that we contract with, comes and gives a presentation to educate our board, so they understand what's going on in the system, and in this case they asked about the opioid epidemic, because in July of 16, unfortunately, we were hit with synthetic carfentanil, which was killing people at a very high clip, and so they really wanted to have a presentation about, all right, we knew it was bad, now what's going on, basically.

- Q. And they asked you a question, as I understand it, "What is the thing that would have or could -- would have stopped or could stop the opioid epidemic?"; is that fair?

 MR. KEARSE: Object to form.
- A. The question was what -- what needs to be done or could be done to stop this.
- I think one of the -- in my mind's eye, I'm remembering a person saying, "Stop this madness."
- Q. Another way of framing that question might be, "What is the thing that has caused that epidemic to have taken place"; is that fair?

Page 224 MR. KEARSE: Object to form. 1 2. Α. It was sort of the corollary, flip 3 of the question, sure. And your answer was, "The best way 4 to prevent furthering this epidemic is to 5 return to the way we treated pain in about 6 1995, " right? That's correct. 8 Α. 9 0. Is that what you told the board of 10 directors? 11 Yes, it is. Α. 12 And that's what you said in Q. 1.3 response to Ms. Skoda's email, right? 14 Α. Yes. 15 Ο. What do you -- what did you mean by 16 that? 17 So again, I gave a bigger 18 presentation, but what I mean by that, and I still believe it, is if we went back to only 19 20 using, whether it's Percocet, Vicodin, 21 prescription fentanyl, whatever, only for real 2.2 significant pain, extreme pain, cancer pain, 23 kidney stone pain, childbirth and the like, 24 that we would not -- that would be one way to stop continuing furthering this epidemic, 25

because the epidemic, even if today we thought we had stopped all those pills, addiction is a chronic illness, so we are going to have years of dealing with these people.

We have babies born addicted to opiates, and they got a whole life, potentially, to deal with. We still don't know how that affects their brain.

So we got -- this is a long-term process. It's not a, oh, it's a onetime event, I'm addicted, I'm detoxed, I'm cured. This is probably, because the disease of addiction, an ongoing problem.

So this would be one way to stop the furthering of the epidemic, and then we would still have to deal with all the aftereffects that will go on for many, many years.

Q. And when you talk about the changes between 1995 and, let's say, 2016, in terms of the way pain was treated, are you talking about the Joint Commission and the pain as the fifth vital sign and those things that we have been discussing today, or did you have something else in mind?

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A. Yeah. All of the above. OxyContin being promoted as though it was not addictive, pain as a fifth vital sign, patient satisfaction, all the things that changed from the time I was trained, be very careful about potential causes of addiction, to don't worry about it, we can just start handing out opiates for all kind of pain. That was a huge -- many factors, but that was a huge switch.

- Q. Are you aware of any actual instance or statement from the manufacturer of OxyContin or the manufacturer of any opioid medication that their opioid does not, in fact, have addictive properties?
- A. And they don't -- I don't prescribe opiates, so I wasn't having pharmaceutical reps come to me personally.

So my knowledge comes from reading, you know, the various sources, talking to doctors, the, sort of, big exposé, the book Dreamland, from Sam Quinones, you know, that describes how these articles, the Dr. Jick article and so forth, were used to educate but, in effect, convince physicians that, at least, OxyContin was not addictive, and that that was

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part of the upsurge of the use of these medications for things that didn't and don't need that kind of treatment.

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Q. Understood. My question is slightly different than that and more specific.

My question to you is whether or not you are aware of any particular statements, actual statements made by a pharmaceutical manufacturer of an FDA-approved prescription medicine, opioid medicine, that their product does not have addictive properties?

- A. I have not seen it, like, in the FDA-approved handouts. I believe there were some quotes in the Dreamland book.
- Q. Okay. So you believe there is something in Dreamland about that, but I'm asking you whether or not, you, Dr. Smith, are aware of any specific instances where the maker of an FDA-approved opioid medication stated to a physician that their product does not have addictive properties?

MR. KEARSE: Object to the form.

- A. Not directly, no.
- Q. What about indirectly?
- A. Again, I think I have read things

Page 228 in articles and Dreamland and other places that 1 do indicate that that was being said by --3 maybe not in writing, but said by reps, pharmaceutical reps to physicians. I didn't 4 personally experience that. 5 6 Okay. You're not aware -- you're 7 not personally aware of any such instances? MS. KEARSE: Object to form. 8 9 Α. I am not. 10 Okay. As we mentioned, this 11 particular email exchange with Ms. Skoda 12 started with a forward of the DAE press 1.3 release. So let's look at that press release, 14 if we can, and I'll mark that separately as Exhibit 12. 15 16 17 (Thereupon, Deposition Exhibit 12, 18 October 4, 2016 DEA Press Release, 19 was marked for purposes of 20 identification.) 21 2.2 Q. Dr. Smith, I have given you the document marked as Exhibit 12. 23 24 MR. BOEHM: I'm sorry. 2.5 MR. KEARSE: I was going to say.

Page 229 I'm not asleep. 1 2. MR. BOEHM: You are not, but I'm 3 getting there. I've marked as Exhibit 12 to your 4 deposition the DEA press release that was 5 6 referred to and forwarded to you by Ms. Skoda; do you see that? Α. 8 Yes. 9 And the title is DEA Reduces Amount 10 of Opioid Controlled Substances to be 11 Manufactured in 2017; do you see that? 12 I see that. Α. 13 And the last line of your email in 14 what has been marked as Exhibit 11, states that, "Maybe the DEA will help with that," and 15 16 I think "with that," you mean returning to 17 1995; is that right? 18 Α. Yes. The DEA press release refers to the 19 20 DEA deciding to lower the aggregate production 21 quota, the APQ, for that year, correct? 2.2 Α. Yes. 23 Do you know what the APQ is? 24 I've never heard of it until this Α. 25 document, no.

Page 230 Do you remember receiving this? 1 0. 2. Α. T do. 3 Do you know what it is, as you sit 0. here today, what the APQ is? 4 5 I think the language speaks for It is the total number of controlled 6 itself. 7 substances that somebody has decided would be enough to do drug treatments but not 8 9 overtreatment. 10 And who is it that makes that 11 decision about the appropriate amount of 12 controlled substances to be manufactured? 13 Α. That I do not know. 14 You are not sure who does that? 0. 15 Α. No. I'll answer this. This may 16 tell us. 17 I'll direct your attention to the Q. 18 last paragraph. 19 MR. KEARSE: Allow the witness to 20 take the time --21 Of course. You can look at 2.2 whatever you want to answer any question, but I 23 think you may find, in particular, looking at 24 the last paragraph of the document, helpful in 25 that regard.

- A. So it appears it is the DEA themselves.
- Q. It says in the final paragraph, "In setting the APQ, DEA considers data from many sources"; do you see that?
 - A. I see that.
- Q. And then in your email again, you, of course, also reference that maybe the DEA is going to help, right?
 - A. Right.
- Q. So you understood, when you wrote this email, that it was the DEA who was setting the AQP, this quota for the year, right?

MS. KEARSE: Object to form.

- A. Well, I understood that they were reducing, based on the title alone even, the amount of opioid-controlled substances being manufactured, which would decrease the oversupply of pills.
- Q. And you say -- well, backing up a little bit, this paragraph goes on to identify the factors that the DEA takes into account in establishing the APQ each year; do you see that?
 - A. I see that.

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Page 232 It estimates the legitimate medical 1 0. need, right? 2. I see that. 3 Α. The amount of consumption, based on 4 Ο. dispensed prescriptions? 5 6 Α. Right. 7 Manufacturers' data, based on Ο. actual production, sales, inventory, exports, 8 9 product development needs and manufacturing 10 losses? 11 Yes. Α. And then, of course, DEA's own 12 13 internal system for tracking controlled substances and transactions, right? 14 15 Α. Yes. 16 And DEA took all those factors into 17 account and exercised its regulatory authority 18 to establish what it views as the appropriate 19 amount of prescription opioids to ensure 20 adequate supply for legitimate medical needs, 21 while limiting it to prevent diversion, right? 2.2 MR. KEARSE: Object to form. Α. 23 Yeah. That's what it says they are 24 doing, yes.

Q. Is that your understanding of what

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Page 233 the DEA does? 1 2. Again, this was the only time I have ever seen it referenced, but, yes, when I 3 read this, that was what my understanding. 4 Okay. Are you critical of the DEA, 5 in terms of opioid abuse, opioid epidemic, in 6 7 particular as it has impacted Summit County? MS. KEARSE: Object to form. 8 9 Α. No. I've never sat around and 10 thought that, no. You mentioned this book Dreamland? 11 Q. 12 Α. Yes. 1.3 Q. Do you remember that? 14 Α. Huh-uh. 15 0. How much of your understanding 16 about the causes of the opioid epidemic comes 17 from you having read that book? 18 MR. KEARSE: Object to form. I mean, I read the book after I had 19 Α. 20 what is on the slide set already as an 21 understanding. I do think the book supported a 2.2 lot of what Summit County together pulled and felt were the causes. 23 2.4 The author of that book, is he a Q. medical doctor? 2.5

Page 234 Α. No. An LA Times reporter, I 1 believe. 3 Ο. LA Times reporter. Not an epidemiologist? 4 5 Α. No. Not a public health specialist? 6 Ο. 7 Α. No. Are you familiar with any specific 8 Q. 9 exposé-style reporting on the opioid epidemic, 10 insofar as it concerns Summit County? 11 MR. KEARSE: Object to form. 12 Exposé, meaning like a book? Α. 13 Q. Yeah. The same style of reporting 14 that we get from the LA Times reporter in 15 Dreamland, but just particular to Summit 16 County? 17 No, not that I recall. Α. 18 Q. Okay. 19 20 (Thereupon, Deposition Exhibit 13, 21 Report of the Ohio Compassionate 2.2 Care Task Force, was marked for 23 purposes of identification.) 24 25 MS. KEARSE: Once you get it on,

Page 235 you can't take it off. 1 2. MR. BOEHM: You are making me 3 laugh, pointing out my mental health issues, right here in front of the psychiatrist. 4 5 THE WITNESS: I was going to send 6 him my bill later. 7 Ο. Okay. I think we are at Exhibit 13, and I've marked that document for you, 8 9 which is in front of you now. It's a document 10 entitled Report of the Ohio Compassionate Care 11 Task Force. Have you seen that document 12 before? 13 I don't recall seeing it, but that doesn't mean I didn't. 14 15 Did you know that the Ohio General 16 Assembly commissioned a task force to look into 17 compassionate care for the State of Ohio? 18 I don't believe I did until now, 19 actually, no. 20 MR. KEARSE: Is there a date on 21 this document? 2.2 MR. BOEHM: Yeah. I can show it to 23 you. 2004. 24 And if you want to, kind of, skip head to page 5, you can see there is a 25

Page 236 reference to the legislative authority, 1 2. specifically that the Ohio General Assembly enacted House Bill 474 December 2002, creating 3 the Compassionate Care Task Force; do you see 4 5 that? 6 Α. Yes. 7 And then if you flip back to the Ο. background page, there is an explanation of, 8 9 kind of, what the task force was trying to do; 10 do you see that? 11 Α. Yes. 12 Ο. And there is a reference right at 1.3 the top to chronic pain? 14 Α. Yes. 15 It says, "Chronic pain is among the 16 most disabling and costly afflictions in North 17 America." 18 MR. KEARSE: I'm going to object to The doctor said he hasn't seen this 19 form. 20 document before. The document speaks for 21 itself. 2.2 MR. BOEHM: Well, right now I'm 23 just asking him is that what it says here. 24 Q. Do you see that it says that? 2.5 Α. I see it.

- Q. Again, this is, you know, in the 2003, 2004 time range. Do you agree or disagree with the statement here by the Ohio Compassionate Care Task Force that chronic pain is among the most disabling and costly afflictions in North America?
- A. I'm thinking about all the top causes I've seen listed. It's -- I doubt it's in the top ten, but I won't disagree. It's an issue.
- Q. If you turn to page 6, you will see that there is a list -- actually, it starts on page 5 and carries over to page 6.

There is a list provided of the individuals who participated on this task force.

- A. Uh-huh.
- Q. Do you see that?
- A. Yes.

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- Q. And you can see that it's primarily experts in the medical profession, right?
 - A. Yes.
- Q. And just to point to a few names in particular, do you see the name Ted Parren?
 - A. I spotted it before you mentioned

Page 238 it, yes. 1 Q. Do you know Dr. Parren? Sure. He's a well-respected 3 Α. addiction specialist in the Northeast Ohio 4 5 area, more in the Cleveland than Akron, and 6 actually gave one of our talks at that May 31, 7 conference, 2014, that you've already referenced. 8 9 And he participated in the creation 10 of the recommendations that are encompassed in 11 this document, this report of the Ohio 12 Compassionate Care Task Force, right? 13 Α. Yes. And then in the second column on 14 15 page 6, there is another name, Sarah Friebert 16 or Friebert? 17 Α. Friebert. 18 Do you know Dr. Friebert? Yes. She is part of our healthcare 19 Α. 20 subcommittee for our opiate task force. 21 She works in Akron? Ο. 2.2 Α. Yes, she does. She works at the Akron Children's 23 Ο. 24 Hospital? She is their director of Α. 2.5 Yes.

Page 239 palliative care. 1 2. Q. What is palliative care? Basically, people who are dying or 3 Α. likely to die, chronic pain, she is an 4 oncologist, so cancer, in this case with kids, 5 6 and so she treats their pain, as the report 7 says, compassionately. 8 O . Would you say that she's an expert 9 in the treatment of pain? 10 For that type of pain, yes. 11 And it appears that she was 12 appointed to serve on this task force and 1.3 participated in the creation of this document, correct? 14 15 Α. Yes. 16 I want to direct your attention to 17 page 11, where there is a discussion about 18 standards for palliative care or pain management programs. 19 20 In particular, I'm going to ask you 21 about number 2 here, where it says, 2.2 "Patient-driven, outcome-based guidelines 23 should be used in providing pain management and palliative care, such as, but not limited to"; 24 have I read it correctly so far? 2.5

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- Q. And the first thing it says is chronic pain?
 - A. Yes.
- Q. Do you have a view, one way or another, as to whether or not it is appropriate, or may be appropriate, depending on the discretion of an individual healthcare provider treating an individual patient, to prescribe a prescription opoid medication to a patient for chronic pain?

MR. KEARSE: Object to the form.

A. Well, my opinion is it depends on which chronic pain. So, sure, if somebody has a chronic pain due to some pervasive illness in their body, and other medications haven't worked, then there would be logic for that.

It wouldn't be logical to give -to call an ankle sprain or tennis elbow chronic
pain and then treat that. So I think in this
case, chronic pain has got to be pretty serious
chronic pain. It is actually disabling, and
not just bothersome.

Q. And here it says, "Chronic pain," and then it says, "The VA/DoD Clinical Practice

Page 241 Guidelines for the management of opioid therapy 1 for chronic pain, " with a reference to the Department of Veteran Affairs, 2003? 3 Α. Yes. 4 Do you know what practice 5 quidelines are being referred to there? 6 7 I'm not familiar with them. I would imagine that veterans come back with 8 serious wounds from battle, and some of them 10 end up with chronic pain and they are helping 11 their prescribers treat that. 12 And the use of FDA-approved Ο. 1.3 prescription opioid medicines may be appropriate to prescribe to a patient in that 14 situation, fair? 15 16 Α. Yes. 17 We are going to set that one aside 18 for just a minute. 19 20 (Thereupon, Deposition Exhibit 14, A 21 Slide Deck Entitled Facing the 2.2 Opiate Epidemic: How We Got Here and 2.3 What we Need to do Next, Beginning 2.4 with Bates Label SUMMIT 822287, was

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Page 242 identification.) 1 2. Dr. Smith, I have put in front of 3 Q. you a document that I have marked as Exhibit 4 5 It is a slide deck from Dr. Christina 6 Delos Reyes from the May 31, 2014 7 opioid-related conference that you organized, right? 8 9 Α. Correct. 10 And it looks like, from the title 11 of her slide deck, she wants to talk about 12 identifying causes of the increasing opioid 13 abuse. She asks, "How we got here," right? 14 MR. KEARSE: Objection to form. 15 Ο. Do you agree with that 16 characterization? 17 Α. Yeah, that's her title. 18 0. Yeah. And one of the things she is 19 trying to do is identify the causes of 20 increasing levels of opioid abuse, right? 21 Α. Well, the opioid epidemic, yes. 2.2 Q. The opioid epidemic. Now, her slide deck is not numbered 23 on its own, but, of course, we have these Bates 24 numbers in the bottom right-hand corner, and 2.5

Page 243 I'm going to ask you to turn in particular to 1 2. the slide that's on the page with the number that ends 2321. So I think it is about halfway 3 in. 4 5 The top of the side, it says, Contributing Factors; do you see that? 6 7 Α. Yes. And it references these changes in 8 Ο. 9 clinical pain management in the late 1990s that 10 you have been talking about, right? 11 Α. Yes. 12 And that you have identified as the Ο. 1.3 driver of the opioid epidemic itself, right? 14 MR. KEARSE: Object to form. 15 Α. One of the contributors, yes. 16 This slide references a 1998 policy Ο. 17 document from the Federation of State Medical 18 Boards of the United States; do you see that? 19 I see that. Α. 20 And there is a reference to, "Model 21 quidelines for the use of controlled substances 2.2 for the treatment of pain, " right? 2.3 Α. Yes. 2.4 Q. Do you know what that is? I probably only heard about it from 2.5 Α.

Page 244 Dr. Delos Reyes. So no, again, psychiatrists 1 2. don't tend to treat pain, so that would not 3 have been something that would have been part of my education. 4 5 Do you know what these model quidelines from the Federation of State Medical 6 7 Boards of the United States said, with respect to the use of controlled substances to treat 8 9 pain? 10 Α. I do not. 11 In the middle of the page, it says, 12 "Pain relief laws being pushed down to states 1.3 to address liability concerns among prescribers"; do you see that? 14 15 Α. Yes. 16 Do you know what is being referred Ο. 17 to here? 18 Α. I do not. There a reference to Ohio Revised 19 Q. 20 Code 4731.21, Drug Treatment of Intractable 21 Pain; do you see that? 2.2 Α. T do. 23 Do you know what that law is? 24 Α. It appears to speak for itself. This is the kind of pain I'm talking about. 25 Ιt

looks like they wanted to put something in the law about treating intractable pain, and I suspect it's a law that helps keep physicians who need -- who spend their time trying to help such people in such pain be protected from scrutiny, because the DEA or others would look and go, "My, God, you're giving out way too many pain meds." So this is probably to allow them, under very refined circumstances, to treat it.

- Q. Okay. So in 1997, the DEA might have said to certain doctors, "Hey, you're prescribing too many opioid medications," and this law would have been designed to provide relief to those physicians, so that they could exercise their independent medical judgment -
 MR. KEARSE: Object to form.
- Q. -- to prescribe or not prescribe, as appropriate; is that your understanding?
- A. Well, for very specific types of terrible chronic pain, right.
- Q. Have you read this, this Ohio Revised Code 4731.21 legislation?
 - A. I don't recall reading it, no.
 - Q. Do you know why it was included on

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Dr. Delos Reyes' slide deck?

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A. Yeah. Dr. Delos Reyes, as an addiction specialist, she does, in her small private practice, treat people that basically nobody else will treat, that is people who have an addiction to opiates, but also have true pain and needs care, and so she tries to balance these things.

Even pain specialists won't treat them, and other people won't treat them, so she -- so I suspect that she would be the one -- in fact, the only one I know in all of Northeast Ohio would treat such individuals.

- Q. Would she sometimes treat those individuals by prescribing FDA-approved prescription opioid medicines, even if there were addiction issues?
- A. I'm assuming, yes, but I don't know. I don't know her practice.
 - Q. You getting buried by paper?
- A. I think we're good. Although this sticker is a little crooked.
- Q. Oh, no. We have to start over.

 Let's start from the top. Now you, as a

 medical doctor, should not be preying on my --

Page 247 Humor is a good thing, so... 1 Α. 2. (Thereupon, Deposition Exhibit 15, 3 2010 Final Report From an Ohio 4 Prescription Drug Abuse Task Force, 5 was marked for purposes of 6 7 identification.) 8 9 Q. How did I do on that one? Does it 10 look okay? 11 It looks pretty good, actually. Α. 12 The sticker that we have been Ο. 1.3 referring to marks this particular document as Exhibit 15, for purposes of your deposition. 14 15 Exhibit 15 is a 2010 final report 16 from an Ohio Prescription Drug Abuse Task 17 Force, right? 18 Α. Yes. 19 Have you read this report before? 20 Α. I believe Dr. Thrasher actually 21 gave it to me at one point to look at. I don't 2.2 know that I have read it cover to cover, but I 23 have certainly looked at it. 24 You said that when you came to the Q. ADM Board in 2012, you hadn't really focused on 25

opioids and opioid-addiction-related issues, but when you came to the board, you wanted to do everything you could to try and understand that issue, right?

MR. KEARSE: Object to form.

- A. Certainly. Anything that would help us understand how ADM and then the Opiate Task Force could help.
- Q. Is this report the kind of thing that you would have wanted to look at to make sure that you understood the contours of the opioid epidemic, when you came to the ADM Board?

MS. KEARSE: Object to form.

- A. Yes. That's why Dr. Thrasher gave it to me, although I don't think I saw it until 2014 or something, but, yes.
- Q. If you turn to the third page of the document, you can see a letter that's being written to Governor Strickland. He was the governor of Ohio at that time, right?
 - A. Yes.

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Q. Governor Strickland, in 2010, established a task force to address the opioid epidemic in Ohio, right?

Page 249 MR. KEARSE: Object to form. 1 Yeah. That's the title of the 2. Α. 3 document, so... Did you know that before today? 4 I think I knew it like in 2014. 5 6 was a psychologist, the governor. 7 0. But sitting here today, you now know that in 2010, Ohio had already identified 8 9 opioid-related issues as an epidemic? 10 MS. KEARSE: I want to object to 11 the form. It mischaracterizes his testimony. 12 He just testified in 2014 he saw this document. 13 MR. BOEHM: That doesn't in any way mischaracterize --14 15 MR. KEARSE: You just suggested 16 it. --17 MR. BOEHM: Don't coach the 18 witness. You can object to form. The question stands. 19 20 MR. KEARSE: And 21 mischaracterization, I can highlight that as 2.2 well. 23 Did you keep my question in mind, 0. or did that all fuzzy it up for you? 24 I would say please repeat it. 2.5 Α.

Page 250 MR. BOEHM: Let's go back up, if 1 2. you don't mind. THE NOTARY: Ouestion: "But 3 sitting here today, you now know that in 2010, 4 Ohio had already identified opioid-related 5 issues as an epidemic?" 6 7 MR. KEARSE: Object to form. Mischaracterizes his testimony. 8 9 0. You can answer. 10 So, yes, I saw this probably in 11 2014, but was not aware of it when I was still 12 at the state hospital system in 2010. 13 O . But my question is, sitting here today, you now know that it had been identified 14 15 as an epidemic at the latest by 2010, right? 16 MR. KEARSE: Object to form. 17 Clearly, something about opiates, 18 they call it drug abuse, had been identified by 2010, yes. 19 20 And it uses the term "epidemic" 21 right there in the first sentence, right? It 2.2 is the last word in the first sentence of the document --2.3 24 Α. Yes. 2.5 Q. -- right?

Page 251 So you agree, right --1 2. Α. Yes. 3 -- with the way I have asked the 0. question? 4 5 MR. KEARSE: Object to form. 6 0. Yes? 7 Α. I agree that in 2010, they were aware there was a problem and the governor 8 9 started to work on it. 10 And, in fact, by October of 2010, 11 this task force had completed its work and 12 developed 20 policy recommendations to try to 13 curb Ohio's prescription drug abuse, and they used the word "epidemic," right? 14 15 Α. Yes. 16 MR. KEARSE: Object to form. 17 As you sit here today, as the Q. medical director and chief clinical officer of 18 19 the Summit County opiate -- or I'm sorry -- of 20 the Summit County ADM Board, what is your 21 understanding as to when public officials in 2.2 Ohio first recognized the issues related to 23 opioid abuse that are now the subject of the 24 lawsuit that Summit County has filed? MR. KEARSE: Object to form. 2.5

So Ohio, as a state, I don't know. Summit County I can talk about, and I know that the original discovery, I think, of the epidemic really focused on Southern Ohio, in Scioto County, this may very well reflect that, that Summit County, again, was not something that was being discussed until -- really until 2013.

0. Well, we have already seen that that's not true, haven't we today, by looking at some of the documents in the stack?

No. That was a conference in 2012 that was in Columbus. That was a state thing,

MR. KEARSE: Object to form.

not a Summit County conference.

Α.

Do you know when Cuyahoga County set up its Opiate Task Force?

- Α. About a year or two before Summit County, but again, my focus has been Summit County, so...
- As part of your responsibilities for trying to understand drug addiction in Summit County, did you ever communicate with public health officials and corresponding ADM Board members in the neighboring county of

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Page 253 Cuyahoqa? 1 MR. KEARSE: Object to form and to 2. tone. 3 So once -- I've said that already. 4 Α. Once we realized there was an issue, yes, I 5 6 went to their task force, which was already set 7 up, to gain as much knowledge as possible, but I didn't attempt to gain knowledge until I knew 8 9 there was a reason to obtain it. 10 And unfortunately, you, in your 11 search and efforts to try to understand opioid 12 abuse in 2012, just didn't come across this 1.3 report from the Opiate Task Force that Governor Strickland had set up in 2012? 14 15 MR. KEARSE: Object to form. 16 Argumentative. 17 Α. No, that's correct. New governor, 18 I guess they didn't share it. 19 "They didn't share it," what do you 20 "They didn't share it"? 21 Meaning, when I was talking to the people at ODMH and then it became ODMHAS, this 22 23 is not one of the things that they shared. 24 Q. You know that this is publicly available, right? You can see that on the --25

Page 254 True, true. 1 Α. 2. Q. -- first page of the document? It's government, true. 3 Α. Publically --4 0. It doesn't mean you can magically 5 know it exists. 6 7 Ο. Well, you don't have to use magic, right? There is an actual specific reference. 8 9 I don't need to have gone to Hogwarts to find 10 this document, do I? 11 MR. KEARSE: Object to form. 12 Condescending. 13 Α. But when you are searching for 14 documents, that doesn't mean they all magically 15 show up. So if I didn't run across it, I 16 didn't run across it. 17 Q. What kind of searches did you undertake? 18 19 Mostly through the addiction 20 specialists at the hospitals. So Dr. Thrasher, 21 Dr. Shane, Dr. Labor, they were the ones who I 22 relied on as my experts, to provide me the 23 information I needed. This was not -- not until 2014, when Dr. Thrasher gave it to me. 24 25 Q. Have you read it ever; have you

Page 255 ever read this document? 1 I'm sure I did back in 2014. 2. Α. If you turn to, let's say it is 3 0. page 21. Do you see that it says on this page, 4 5 "How did this become an epidemic"; do you see 6 that? 7 Α. Yes. So the task force that was 8 9 assembled by Governor Strickland in 2010 10 reaches conclusions about the causes of what 11 they are calling an opioid epidemic in the 12 State of Ohio, right? 13 Α. Yes. 14 And there is this graph on the 15 bottom of the page. I don't know if graph is 16 the right word, some depiction of those causes, 17 right? 18 Α. Yes. 19 One is aggressive marketing of 20 opioids. You have already talked about that, 21 right? 2.2 Α. Yes. 23 Two is changes in clinical pain 24 management? Α. 25 Yes.

- Q. You have already talked about that.

 Three is growing use of prescription opioids; do you see that?
 - A. Yes.

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- Q. I'm not going in any particular order, but four is direct-to-consumer marketing. You already talked about that?
 - A. Yes.
- Q. Five says self-medicating habits of baby boomers. I think you at least referenced that earlier today, right?
 - A. Yes.
- Q. And then six, you mentioned diversion, specifically internet, pill mills, deception/scams, theft, friends and family?
 - A. Yes.
- Q. And we already talked about that as well, right?
 - A. Yes.
- Q. Is it fair to say that, based on this document from October 2010, the task force was reaching conclusions about what caused the epidemic related to opioids that are the same conclusions that the Summit County ADM Board reached in whatever subsequent years, when you

all started looking at the problem; is that fair?

- A. Yes. In fact, we use a similar graphic in our speakers bureau for the Opiate Task Force about the causes.
- Q. In spite of the complexity of the issues that we have been talking about today, do you agree that opioid medications have legitimate medical purposes?
 - A. Yes.

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- Q. Do you agree that doctors need to be afforded some discretion in exercising their individual medical judgment about whether a particular patient has a legitimate medical need for a prescription opioid?
- A. Yes. As I have said, I think that needs to be unfettered by outside forces, though, that are either encouraging them to use or not use something, when it is not really a clinical decision at that point.
- Q. Okay. In other words, a prescribing physician is the person who interacts directly with the patient, right?

 MS. KEARSE: Object to the form.
 - A. Yes.

Q. As a medical doctor, why is that important? Why is it important; why does it matter, in terms of making prescribing decisions, that the medical doctor, the person who is there with the patient, has the discretion to exercise their professional medical judgment?

MR. KEARSE: Object to form.

- A. Well, at that point in time, that's the only person who's got the education and experience, and then the data, by talking to the person, as well as hopefully getting other records and so forth, to make a mutual decision with the patient about what is in his or her best interest.
- Q. They could take a medical history of that person, right?
 - A. Certainly.
 - Q. They can perform an examination?
 - A. Yes.

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- Q. They can look the patient in the eye, right?
 - A. Correct.
- Q. Does that matter, in making medical decisions, to be able to be right there with

the person?

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- A. Yeah. In fact, we are not really able to make a diagnosis of somebody we haven't seen. So that's kind of a requirement.
- Q. And then taking all that information into account, that particular healthcare provider can apply medical judgment, right?
 - A. Correct.
- Q. And your view is that medical judgement should not be fettered, one way or another, either in terms of false inflating their likelihood of prescribing an opioid or discouraging the prescription of an opioid, when it might be in that patient's best interest, right?
- A. Yeah. As long as it's, you know, I guess, completely unfettered, but the truth is medical science changes. So if there is new science that says something is the right treatment, and there is evidence based to it, then obviously, hopefully, the physician will have that at his or her disposal to take into account.
 - Q. Okay. Now just to back up for a

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moment, we have been talking about opioids, but to be clear, there is an important distinction to be made been prescription opioid medications and opiates that are illegal, not approved by the FDA, and not appropriate for any legitimate medical need; is that right?

MR. KEARSE: Object to form.

- A. Yes. So there are medications approved, tested, manufactured to certain specifications, and they definitely differ from what you might buy on the street, not knowing what you are getting.
- Q. Sometimes those are all referred to as opiates, but there is a different between FDA-approved prescription opioid medicines and street drugs that also sometimes get referred to as opiates, right?
 - A. There may be, yes.
- Q. Well, what do you mean when you say, "There may be"?
- A. Pills get diverted, so you might be selling me OxyContin that you didn't take or you got from your neighbor's medicine cabinet. So that would be a real medication, but diverted to the street.

- Q. Understood. But I'm talking about the actual substances. There is a difference between an FDA-approved prescription opioid medicine and heroin, for example, right?
 - A. Yes.
- Q. What does it mean that a medicine has been approved as safe and effective for its indicated uses by the Food and Drug Administration?
- A. Well, so medicines go through a pretty -- I think in this country, the most rigorous of any country process to make sure they are first and foremost not toxic, and then next they have to be proven to serve the purpose for which they are meant.

So they have to cause the positive effect, at least a certain percent of individuals compared to placebo generally, and then they get approved, and then they are allowed to be -- physicians can then be educated about them and then prescribe them.

Q. Does the FDA employ subject matter experts, as part of that testing, review and approval process?

MR. KEARSE: Object to form.

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A. Subject experts on what?

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Q. Well, for example, drug safety, epidemiology, toxicology, all the issues that would go into an assessment of whether or not something is safe and effective for its indicated uses.

MR. KEARSE: Object to form.

- A. So, yes, they have people that are part of that pipeline, to make sure the research is being done appropriately and outcomes are what they appear to be.
- Q. And you said that the United States has the most rigorous drug-testing system in the world, right?
 - A. That's my understanding, yes.
- Q. And what does that mean; what do you mean by that?
- A. Other countries may release medications with less rigorous research studies than the U.S., and the big example of that was thalidomide, quite a long time ago.

It was brought out as an antinausea drug during pregnancy. FDA said, "No, not in this country," and other -- in Europe there were a lot of individuals born with missing

limbs and so forth. There were some born here. That's because those individuals managed to get thalidomide illegally from the other countries.

So that's an example of where the FDA protected a lot of the U.S. citizens by not being so -- not being so -- you know, not being too streamlined, if you will, on the process of approval.

Q. Do you know how long it typically takes between the development of a compound and it's approval as a medicine by the FDA?

MR. KEARSE: Object to form.

A. Years. I don't know how many years. I think the total -- there is like a 17-year window from compound to end of patent, but I don't know how many years, and that probably varies by drugs, how many years.

Certainly there are some drugs that have come out, HIV, cancer, things where the trials are so compelling that they move even faster, and they will get them on the market quickly, because it will save lives, that's certainly a good decision, and there are others that it's not as clear, maybe this antidepressant is new, let's see if it's better

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than the other 15 we have. That probably goes through the full process, before it comes out.

- Q. When the FDA approves a medication as safe and effective for specific uses, it approves it for particular indications, right?
- A. Correct. And that's based on what the research was done for that indication.
- Q. And for those who may not be familiar with all the medical terminology, what does it mean when we talk about approval of a medication as safe and effective for the approved indications?
- A. Well, so if they studied a particular opiate for use in a particular type of pain, then it would get approved for that particular type of pain, and similar to antidepressants, there are some that have been studied specifically, say, Paxil, for social anxiety.

So Paxil comes out, and they have done extra studies that say not only is it an antidepressant, it's also for social anxiety. That would be an evidenced-based indication and, therefore, the FDA would approve it for that indication.

Q. And this process that we have been talking about was followed with respect to all of the FDA-approved opioid medications that are on the market in the United States today, correct?

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Q. But when you talk about opiates, as a member of the Summit County ADM Board, you are also talking about substances that have never been approved, have never been even contemplated for use for legitimate medical needs, right?

MR. KEARSE: Object to form.

- Q. You are also talking about illicit drugs?
- A. Correct. We want to treat addiction, no matter where the opiate came from.
- Q. And these illicit drugs, like heroin, don't get prescribed by doctors, right?
 - A. No. They certainly shouldn't, no.
- Q. They don't get dispensed by pharmacies?
- 24 A. No.
- Q. They are not FDA approved?

Page 266 Α. No. 1 2. Q. They are illegal street drugs, right? 3 4 MS. KEARSE: Object to form. Α. Correct. 5 You mentioned earlier today 6 0. 7 something about carfentanil. Α. 8 Yes. 9 And there has been some reference, 10 I think, also to fentanyl, and you know what 11 those drugs are, right? 12 Α. Yes. 1.3 And those are -- to the extent 14 those are being abused in Summit County, those 15 are not, at least by and large, prescribed 16 fentanyl or carfentanil, right? 17 Α. Yeah, correct. Carfentanil is an 18 elephant tranquilizer, only used for very large animals, none of which are even in the Akron 19 20 zoo, for that matter, so it is not prescribed 21 here anywhere. 2.2 And fentanyl, there is a 23 prescription version of that, but what generally is referred to as synthetic fentanyl 24 that is coming, apparently, from China, in the 25

U.S. Mail.

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- Q. And synthetic fentanyl that is showing up in Summit County and other communities, that's not something that is being prescribed by a healthcare provider to residents here in Summit County, right?
 - A. Right. No.
- Q. I take it you have communicated with law enforcement in various ways, insofar as it concerns the opioid epidemic in Summit County; is that true?

MR. KEARSE: Object to form.

- A. Yeah. Our task force has over 400 members of all three branches of government, police chiefs, et cetera.
- Q. So based on your understanding from your work on the Summit County ADM Board, and specifically as its medical director, what is your understanding about how addicts typically obtain illicit street opiates, like heroin or fentanyl or carfentanil?
- A. So, you know, in fact, we have done programs on this, but basically, as what we have seen is the vast proportion of people who end up with the disease of addiction, opiate

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use disorder, started with pills, many times, again, legitimately, coming from their physicians, and then they, when they can't get them anymore, or at least because, again, we have shut down doctor shopping and we have shut down pill mills and all these various resources, we have got prescribers prescribing more similarly to what they would have years ago, before the epidemic.

They then seek out -- again, they have an addicted brain, and that definition again is that the person either is using, thinking about using, or obtaining the drugs to use by any means possible at that point, and so they then go to the street, looking to find somebody who will sell them heroin, but in today's world, heroin may be tainted with fentanyl or, sadly, with very deadly carfentanil.

And so they seek out drug dealers, because they, number one, they want to continue that addiction, that's what their brain is telling them, and number two, they don't want to go in withdrawal. So they actually have two motivators to maintain their addiction. If

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they go into withdrawal, it affects nearly ever system of their body, and it -- basically people with addiction will tell you it feels like a true case of influenza, not that they have sniffles and a cough and they call it the flu, but actual influenza, that is just miserable.

So they really have two reasons at that point, from an addicted brain point of view, to seek out any version of opiate they can get, which, sadly, means they end up taking risks, to take things that they know their neighbor just died from, but they think they will be careful, because they are not really thinking.

Q. You mentioned that -- I think earlier you said that some addicts try to get their hands on and abuse prescription opioid medicines, correct?

MR. KEARSE: Object to form. Mischaracterizes his testimony.

Q. Oh, well, if you disagree with that, please do let us know.

MR. KEARSE: Well, I don't think he's called them addicts. So I think you are

putting words in his mouth that he hasn't actually stated. So mischaracterizes his testimony.

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MR. BOEHM: Would you just read back my question, and see if it works between me and the doctor.

THE NOTARY: Question: "You mentioned that -- I think earlier you said that some addicts try to get their hands on and abuse prescription opioid medicines, correct?"

MR. KEARSE: Again, I object to the form. Mischaracterizes his testimony.

A. Okay. So I think what I said was people who have an addicted brain, they have the disease of addiction, at that point they were truly driven. It's not a thought process at that point. They are really truly driven to find opiates.

They no doubt first seek out the pills, whether that is in your medicine cabinet or the neighbor's medicine cabinet or eventually the street, and when they can't find them, they will go to the street looking for --

Q. I'm worried that the exchange between the lawyers made you, kind of, lose

Page 271 focus on the question. 1 2. My question, again, is I think -- I 3 thought you already said this. I was just trying to confirm something I though I heard 4 you say, so tell me if I'm understanding for 5 6 sure. 7 MR. KEARSE: And he has answered 8 your question. 9 MR. BOEHM: I'm not talking right 10 now, Anne, I'm asking a question. 11 Some people who are addicted to 12 opiates try to get their hands on and abuse 1.3 prescription opioid medications; did I understand that correctly? 14 15 That is correct. People who are 16 addicted will try to find pills, yes. 17 How does that most commonly happen? 18 As opposed to going out on the street and 19 buying heroin from a dealer, how do people who 20 are addicted to opiates get their hands on, for purposes of abuse, prescription opioid 21 2.2 medicines that have been approved by the FDA for legitimate medical needs? 23 2.4 MR. KEARSE: Object to form. 2.5 Α. So prior to OARRS and similar

processes around the country, they would doctor shop. So I would not know -- pretend I'm a pain specialist. I wouldn't know that they came in and told me they had pain today, and I gave them Percocet, and then they went to another doctor and got more and so on and so forth.

So they would want -- number one, they would doctor shop, trying to obtain these pills. They would go to emergency departments, often complaining of a toothache, which was kind of genius, because doctors are not dentists, and they will just say, "Oh, my gosh, toothaches hurt, so I better give you some opiates," and they would get opiates that way. So initially they would try to get it that way.

When we shut that pathway down, then they start looking in people's medicine cabinets and, eventually, they may even go to the street and ask if they can buy pills, because they don't necessarily want to trust heroin. So they will ask if they can buy pills. Those are probably the main ways they seek them out.

Q. When you talk about shutting down

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doctor shopping, what do you mean by that?

A. So the OARRS report was designed, in the beginning at least, the way it was couched in 14 and then mandatory April 1 of 15, was so that a patient couldn't get away with that.

In other words, if they came in to me to get a controlled substance, there is a reason they are controlled, obviously, then I can look it up and make sure they didn't just get that same or a similar substance from another physician or another prescriber.

So that would be OARRS preventing doctor shopping. So that I use it, pharmacies, by the way, are also required to use it, so they also would be aware if you have got a person who has gone down the path of addiction and is trying to get more pills than would be medically necessary.

Q. Okay. Other than that doctor shopping, how do addicts, who are trying to get their hands on prescription opioid medications for abuse, how do they do that, other than the things you have already mentioned, or did you give me a comprehensive list?

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MR. KEARSE: Object to form.

Α. There is at least one other way I'm aware of. They read the obituaries. They read the obituary, and in the obituary, people will put in, "My grandmother bravely fought off cancer, " just to, kind of, give some honor to their loved one, and then in that same obituary, it will tell the drug addict when no one is home. "Oh, we'll all be at the funeral home or the viewing, " and they -- you have lost your loved one, now they break into your home or her home while you are at the funeral, and they take all their pills, because they are pretty sure there is probably a cache of pills, and there probably was, in their medicine cabinet.

So that would be another example.

They would be -- again, this part of the brain is not completely gone, but it is being deceived by the addicted part of their brain, and so they are able to think things out, they are able to plan, they are able to scheme, they are able to start to sell things, their parents' TV and whatever, to be able to accomplish their goal, because it's a disease.

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Page 275 So that would fit into the category 1 0. 2. of, kind of, theft, right? 3 Α. Yes. MR. BOEHM: Would now about a good 4 time for a break? What do you all think? 5 could use five minutes to walk around. 6 7 We will go off the record. THE VIDEOGRAPHER: Off the record 8 9 at 3:16. 10 (Recess taken.) THE VIDEOGRAPHER: We are back on 11 12 the record, 3:40. 13 Q. Okay. We are back from break, Dr. Smith. 14 15 Before we broke, you were making 16 some references to something that you called 17 doctor shopping; do you remember that? 18 MR. KEARSE: Object to form. 19 Α. Yeah. Addicted patients, shopping 20 for more than one doctor, yes. 21 And as I understand it, when you 2.2 talk about doctor shopping, you are talking about a situation where an addicted patient 23 24 goes from one doctor to the next doctor, maybe multiple doctors, trying to get as many 25

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prescriptions of opioids as that person can; is that right?

- A. Correct. Somebody with an addicted -- the disease of addiction is driven to obtain the medication.
- Q. And that, in that situation, the healthcare providers wouldn't know that that's what that particular patient is doing; is that right?
- A. Not without some other way of policing them, no. They come in, you want to treat the person in front of you, you don't know that they just got pills yesterday.
- Q. And you're not blaming the doctor in that situation, right?

MR. KEARSE: Object to form.

- A. No. It's the disease of addiction at that point that's at play.
- Q. And the doctor is trying to address what he or she perceives to be a legitimate medical need, right, doesn't know that they are the third or fourth doctor in the line for that particular patient, right?
 - A. Correct.
 - Q. And for some time in Ohio, doctors

wouldn't have had the tools available for them to reliably make a determination as to whether or not that kind of doctor shopping was happening, fair?

A. Correct.

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- Q. I think you said that OARRS didn't become mandatary until 2016?
- A. I believe, mandatory, I believe,
 April 1 of 2015. And discussed maybe starting
 in 14, as it was at our conference.
- Q. Do you know why it wasn't until April of 2015 that OARRS reporting became a requirement in Ohio?
- A. No. I don't know why that particular date, as opposed to an earlier date.
- Q. Did you or others for the Summit County ADM Board ever advocate for an earlier implementation of mandatory OARRS usage?
- A. Again, we have an advocacy policy subcommittee, and they very well may have done that. I don't -- I don't know everything that each of the six committees is doing, so I don't know.
- Q. Did the Summit County ADM Board have a position, prior to April 2015, about

whether or not OARRS reporting should be mandatory in Summit County and the State of Ohio?

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MR. KEARSE: Object to form.

- A. I don't know that we had a position. It's not really our role to take positions on such things. So we never would have had a formal position, even if we had that belief.
- Q. When you say, it is not your role, the role of the Summit County ADM Board to take positions on that sort of thing, tell me what you mean by that?
- A. I mean, we are not designed as an advocacy group. We don't have a lobbyist, we don't do any of that kind of work. The Opiate Task Force, because it had the arm that brought in some legislators and so forth, could potentially have taken that role and run.
- Q. Do you remember your email in February 2014 announcing the May 2014 conference that you were organizing around opiates?
 - A. Yes.
 - Q. And in your email, you said the way

to address this is, in part, through new legislation; do you remember that?

A. Correct. Yes.

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Q. So you, at least, had some views, either in your official or unofficial capacity as the medical director for Summit County's ADM Board, about what type of legislation or public policy process you should put in place to address the opioid epidemic, right?

MR. KEARSE: Objection to form.

- A. Sure. I mean, I think when you are in the midst of a difficult actuation, you are going to come up with a lot of views and opinions about things that could be helpful.
- Q. And that's really the nature of my question, with respect to OARRS.

Was it your position, either personally or in your official capacity as the medical director for the Summit County ADM Board, that the required use of OARRS ought to have been put into effect prior to April 2015?

MR. KEARSE: Objection to the form.

A. I honestly doesn't know that I thought about it from a mandatory point of view. My role was to try to educate physicians

that it already existed and they, therefore, could and should use it.

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As far as making it a law, that's not my -- I wouldn't have had an opinion about law, at that point.

- Q. Well, if only some doctors are using it and others aren't using it, that takes away the reliability of it; doesn't it?
- A. I agree. Similarly, if -- because pharmacies are also -- have to use it. If they are not using it, same issue, right.
- Q. And when you talk about doctor shopping, that is illegal conduct, right? It is against the law to engage in doctor shopping?
- A. It probably is. It's certainly unethical. I don't know whether there is a law against it or not, actually.
- Q. Okay. And so is theft, right, if somebody is stealing somebody else's medication?
 - A. Yeah. That is certainly illegal.
- Q. That's illegal. And so is sneaking into your grandma's medicine cabinet and stealing her medication for abuse, that's also

Page 281 illegal, right? 1 2. MR. KEARSE: Object to form. 3 Α. Yeah. You are not supposed to use a prescription that's for somebody else, and 4 you use it, and you are not -- if I'm given a 5 6 prescription, I'm also not supposed to loan her 7 one --8 Q. Right. 9 Α. -- either. So either direction, 10 it's not proper. 11 If I'm given a prescription for 12 this controlled substance, a prescription 1.3 opioid medication, it would be unlawful for me to say, "Hey, you use it," or sell it to 14 15 somebody else, right? 16 Yes. Both would be illegal, and worse would selling it, sure. 17 18 And you talked about the means by Ο. 19 which patients addicted to opioids obtained 20 prescription opioids, not the street drugs, but the prescription opioids; we talked about some 21 of the ways, right? 2.2 23 Α. Yes. And I want to show you a document 24 Q . from 2012 from the Ohio Department of Alcohol, 25

Page 282 Drug Addiction Services that addresses that 1 issue. 3 (Thereupon, Deposition Exhibit 16, A 4 Document From 2012 from the Ohio 5 Department of Alcohol, Drug 6 7 Addiction Services, was marked for purposes of identification.) 8 9 10 Q. I'm going to mark this document as 11 number 16. Do you see at the top it says 12 Ohio's Attack on the Opiate Addiction and 13 Overdose Epidemic; do you see that? Yes. 14 Α. 15 0. And this says SFY 2012 Annual 16 Report? 17 Yes, state fiscal year. Yes. Α. 18 0. So this is about the year 2012, 19 right? 20 It is about 2012, but it would have Α. 21 come out in July of 13 or later, because the 2.2 state fiscal year would be July 1 of 12, right. 23 It is addressing data from 2012? 0. 24 Yeah. Α. And if you turn to the back page, 25 Q.

Page 283 you can see some graphics. 1 2. MR. KEARSE: I would just ask, 3 counsel, does this -- does this have a date? It says SFY 2012. 4 MR. BOEHM: 5 MR. KEARSE: Okay. 6 MR. BOEHM: So that's why I was 7 asking about that. 8 So if you turn to the back page of 9 the document, you can see some graphics about 10 opiate abuse in Ohio; do you see that? 11 Yes. Α. 12 And several of these are 1.3 interesting, but the one I want to direct you 14 to has -- has to do with the subject we were 15 talking about before the break, How 16 Prescription Opiates Are Obtained For Abuse, 17 and do you see that, that's one of the graphics 18 here, about a third of the way down the page, on the right side? 19 20 Α. Yes. 21 And it breaks out the different 2.2 means by which opiate addicts were obtaining 23 prescription opiates for the year 2012 into 24 different percentage categories, right? 2.5 Α. Yes.

Page 284 MR. KEARSE: Object to form, and 1 2. that's not what the document says, if you are 3 reading for the doctor. MR. BOEHM: When I'm done with the 4 doctor, I'll be happy to ask you some 5 6 questions, but I think we got it on the record. 7 MR. KEARSE: You are reading the document and you weren't reading it correctly. 8 9 MR. BOEHM: Unfortunately, I think 10 you listened to the lawyer and not the witness, 11 when he said yes to my question. 12 THE NOTARY: I was listening to 1.3 both of you. MR. BOEHM: Not me. I wasn't 14 15 talking. 16 THE NOTARY: Do you want me to ask 17 the question again? 18 MR. BOEHM: I think it will be on the recording, but I'll ask you, Anne, not to 19 20 speak when other people are speaking. This is 21 an instance where your interruption has caused 2.2 the court reporter not to have heard, 23 apparently, the answer that the witness gave, 24 and I don't want that to happen. It is 25 inappropriate. It shouldn't be happening at

Page 285 all. 1 2. MR. KEARSE: Well, for the record, 3 I'm reading it right now, I said object to the form --4 MR. BOEHM: I don't need you to --5 6 I don't want to -- I'm not asking you about 7 this document. I'm talking the matter of 8 procedure and process. 9 MR. KEARSE: Counsel, before he 10 answers and after you ask the question, I'm 11 allowed to says an objection. 12 MR. BOEHM: Object to form. 13 MS. KEARSE: And I did object to the form. 14 15 And I'll ask the doctor, so if we 16 have time, I'm allowed to object before he 17 answers, the witness, Dr. Smith. 18 THE NOTARY: Ouestion: "And it 19 breaks out the different means by which opiate 20 addicts were obtaining prescription opiates for 21 the year 2012 into different percentage 22 categories, right?" 23 So it does, it says how 24 prescription opiates are obtained, and presumably that is by people with opiate 25

Page 286 addiction. 1 2. Q. So the answer is yes, right? 3 Α. Yes. Okay. And the first and largest 4 Ο. category here is 55 percent. It says, "Free 5 from a friend or relative"; do you see that? 6 7 Α. Yes. What do you understand that to 8 9 include? That's a situation where the person 10 is receiving the prescription opioid not from a healthcare provider, but from an individual who 11 12 already had the prescription drug, right? 13 MR. KEARSE: Object to form. 14 Α. Right. So a friend or a relative 15 is handing them to the person who is probably 16 got an opiate addiction and has probably 17 figured out a way to ask them for it. And that's unlawful? 18 Ο. 19 Α. Yes. 20 Okay. And the next category, it Q. says, "17 percent stolen from a friend or 21 2.2 relative"; do you see that? 23 Α. Yes. 24 And that's also unlawful, right? Q. 25 Α. Yes.

- Q. And it says, "11 percent bought from a friend or relative"; do you see that?
 - A. Yes.
 - Q. And that's also unlawful, right?
- 5 A. Correct.

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- Q. The next category says, "5 percent, doctor prescription"; do you see that?
 - A. Yes.
- Q. So this is saying that, at least for the year 2012, only 5 percent of prescription opioid medicines that were being obtained for abuse were obtained directly through a doctor prescription, right?
- A. For abuse, so people with the disease of addiction, yes, they were finding other ways to get them.
 - Q. Okay.
- A. Which is what an addicted person's brain would lead them to do, is to break the law, whatever they have to do to get that substance.
- Q. Right. But the point is here that I'm making, is that only 5 percent of prescription opioid medicines that were being obtained for abuse were obtained directly

Page 288 through a doctor prescription, right? 1 2. Α. According to this, yes. 3 And do you have any reason to dispute this statistic? 4 5 Α. No. Do you know how these percentages 6 Ο. 7 changed after 2012? Α. I do not. 8 9 0. Fair to say that -- okay. Let's 10 The fourth one says, "Drug dealer or 11 stranger, 4 percent"; do you see that? 12 Α. I see that. 13 Q. That's the last one. 14 Α. Yes. 15 0. That's also unlawful, right? 16 Α. Yes. 17 So at least as of 2012, at least 95 Q. 18 percent of the prescription opioid medicines that were being obtained for abuse were 19 20 obtained through some intervening unlawful 21 conduct on behalf -- on behalf of the -- on the 22 part of the drug seeker, right? 23 MR. KEARSE: Object to form. 24 That's accurate, but that Α. presupposes then that they had already had 25

prescription opiates, became addicted, and now they needed to find a way to maintain their addiction.

- Q. I'm not presupposing anything. I'm just looking at the statistic here.
- A. But that's what the graph is about. It's people who have developed addiction, and we know that the vast majority start with pills, now they are driven to get more pills.

So, yes, then in that respect, they now need to seek other ways of getting those pills.

- Q. When you say, "The vast majority," okay, that's a separate topic, and I do want to talk to you about that, but you're not disagreeing with this graphic, right?
 - A. Correct.

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- Q. The subject of how people become addicted is a complicated one; isn't it?
 - A. Not particularly complicated, no.
- Q. Okay. You think addiction science and addiction medicine is pretty simple?
- A. I think that we understand enough about how people getting addicted, they have a brain reward system that is set up to like, for

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lack of a better word, the substance more than most. They try the substance, and they get addicted.

I don't think there is a lot of complications to that. I think that's pretty straightforward.

- Q. In fact, in the scientific community, there is a huge amount of complication to that, right? I mean, there is a whole board certification process for addiction medicine, right?
- A. Well, the certification process is about how to treat it. Treating it is much more complicated, because now the brain is not thinking with this part, it's thinking with your animal brain. Not really thinking, it's driven now to obtain, use or think about obtaining and using the substance, and that's the complicated part. Treatment is very complicated.
- Q. But the medical literature, doctor, to be fair, to the extent you reviewed it, makes it clear that the factors that play into whether or not somebody is an addict naturally, or is likely to become an addict, depending on

Page 291 exposures to various substances, is, indeed, a 1 2. very complicated scientific question; do you 3 disagree with that? MR. KEARSE: Object to form. 4 It is complicated in the sense that 5 6 we don't have a way yet to predict who may 7 become addicted to a given substance, so that part is complicated. 8 9 The actual route to addiction is 10 very simple. You have to have a predisposition 11 to turn your reward system on more than most 12 people's reward system, and also you have to 1.3 actually take the substance in order to turn on 14 that reward system, and then you end up with addiction. 15 16 17 (Thereupon, Deposition Exhibit 17, 18 October 10, 2017 Email From Caraffi, with Attachment, Beginning with 19 20 Bates Label SUMMIT 906717, was 21 marked for purposes of 2.2 identification.) 2.3 24 Q. I'm going to show you the next It is marked as 17. And this is an 2.5 exhibit.

Page 292 email -- it is one of these email chains from 1 2. October of 17, and like most email exchanges, you kind of have to start at the bottom --3 4 Α. Right. -- to go in chronological order. 5 6 And the first email appears to be 7 from V. Caraffi on October 10, 2017. MR. KEARSE: Counsel, I just -- I 8 suspect Dr. Smith' name is on here somewhere? 9 10 MR. BOEHM: Yes. 11 MS. KEARSE: Okay. 12 MR. BOEHM: I believe, Brad can 13 tell me if I'm wrong, but I believe this was produced from his custodial file. 14 15 MR. MASTERS: Yes. 16 MR. KEARSE: I mean, it's a Summit 17 County number on it. 18 MR. BOEHM: There are, indeed, 19 many, many names on here. 20 MR. KEARSE: I know, and I'm going 21 to take your word for it right now, until I 22 actually look at it. 23 MR. BOEHM: Okay. 24 MS. KEARSE: I would assume that 25 you are suggesting that his name is on here?

Page 293 MR. BOEHM: Yeah. There it is. I 1 found it. 2. 3 MS. KEARSE: Okay. You know who V. Caraffi is? 4 0. Yes. So he runs the Cuyahoga 5 County Opiate Task Force, or did, at least, at 6 7 that time, I think he still does, and because I had gone to some of their meetings in the past, 8 he added me to their distribution. So I do get 10 maybe not all, but certainly some of the emails 11 from their task force. 12 Q. So he sent you this email on 1.3 October 10, 17, along with scores of other 14 people? 15 Α. Yes. 16 And he writes, "Good morning, 17 please review the citation below sent on behalf of Dr. Gilson"; do you see that? 18 19 Α. Yes. 20 Ο. Who is Dr. Gilson? He is their medical examiner for 21 Cuyahoga County, just like Dr. Kohler is for 22 23 us. 24 He reports in this email to you and Q. others, that, "At the April task force meeting, 25

Page 294 Tom" -- is that Dr. Gilson? 1 Α. Yes. "Tom indicated local data was 3 Ο. showing an increasing trend in the number of 4 5 overdose fatalities from heroin/fentanyl with 6 no history of overprescribing of pain 7 medication"; do you see that? 8 Α. Yes. 9 Are you familiar with these data? 10 Α. Again, it's not Summit County data, 11 but I do read the emails that they send. 12 My question is whether you are 13 familiar with these data that are being referred to here in this email? 14 15 Only because he sent me the email. 16 No, not prior to that, I wouldn't have. 17 again, is for a different county. 18 Has Summit County undertaken an 0. analysis to determine whether or not the number 19 20 of overdose fatalities from heroin and fentanyl 21 in Summit County are among individuals with no 2.2 history of overprescribing of prescription pain 2.3 medication? 2.4 MR. KEARSE: Object to form. I don't know about a formal study. 2.5 Α.

When I've talked to Dr. Kohler on numerous occasions along the way, that's never the impression that she's given me; that generally they are able to track backwards and find that there were pills before there was dope.

- Q. Okay. So here is some local data that's saying that's not what's happening, right?
 - A. From Cuyahoga County, yes.
- Q. And you have not undertaken and you are not aware of Summit County having specifically undertaken an analysis to see whether or not the trends in Cuyahoga County are similar to trends in Summit County; did I understand that right?

MR. KEARSE: Object to form.

- A. Yeah. I'm not aware if Dr. Kohler has done that. It wouldn't be something I could even run. It's got to be done using the death investigation files, but I don't know if she has done one or not.
- Q. You said a couple of times that these people, they get addicted to prescription opioids, and they move to heroin. That's not always true, right?

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- A. No. The studies I have seen though, it's 75 to 83 percent, different studies, started with pills, but, yeah, there is a certain small percentage, or smaller percentage, at least, that started with street drugs.
- Q. What studies are you referring to that mention the 75 to 83 percent?
- A. Most recently, came out two days, in the Journal of American Medical Association, there is an article in there.
 - Q. Two days ago?

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- A. Two days ago.
- Q. For what period of time is that Journal of the American Medical Association article looking back at to reach whatever statistical figures it has provided?
- A. I don't recall. I think it was an update to an earlier article. It might have been from 2013, so it may be one that goes all the way back to the original date of 2012, or something like that, but I don't recall.
- Q. You don't know what period of time is being referred to?
 - A. I just saw the highlights of it. I

mean, I have not read the whole article. I just saw the highlights two days ago, so...

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Q. So when you saw these statistics and how likely it is or not that somebody first became addicted to an opiate through prescription, as opposed to heroin or fentanyl, you are not sure what period of time those statistics are based on?

MR. KEARSE: Object to form.

A. Well, so when they -- when they do studies like this one that Dr. Gilson did, then they are looking at their entire lives, because that's what they do in death investigation reports. So they would know exactly -- they would go back their whole life and try to figure out if they ever had opiate pills, and if that was the trajectory.

So in that case, it would be whatever their lifespan was. It wouldn't be a matter of, "Oh, we started in 2012." It would be how long was Mr. Jones -- we looked at their whole history, and we said, "Oh, Mr. Jones had sprained his ankle playing soccer, and here is what happened."

Q. But I presume these articles and

these statistics are not based on anecdotal cases like Mr. Jones's, right?

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They're based on more population-wide statistical inputs, I would presume; am I wrong?

- A. I'm sure they are based on aggregate data, but it may have required them to go back in time and figure out via the people.
- Q. And I'm asking you whether or not you know what period of time was looked at, for purposes of generating these statistical outputs? I mean, surely they adopted some parameters in that regard, and I'm asking you whether or not you know?

MS. KEARSE: Object to form.

- A. Right. And I said the one I'm most familiar with recently is JAMA, and I don't recall what the time frame was.
- Q. Do you know the time frame for any of the articles that set forth a statistic purporting to identify whether or not individuals became first addicted to prescription opioids or whether to an illicit street opiate substance?

- A. Sitting here today, I don't recall.
- Q. This JAMA article that you mentioned as having come out a couple of days ago, do you know whether or not it encompassed Summit County data?
- A. Again, I only saw the little abstract, so I don't know.
- Q. Was it particular to Summit County, Ohio?
- A. No. It was not specifically created for Summit County.
- Q. Are you familiar with any peer-reviewed article that provides estimates of how addicted patients first became addicted in Summit County?
- A. No. I don't think so I've seen any publications that are rigorous research, no.
- Q. And you mentioned, I think, you have had conversations with people in Summit County about what those percentages might be.
- 21 Did I hear you right?

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- A. Not just people, with Dr. Kohler and her office is the one that would make those determinations.
 - Q. Do you know the specific process or

procedure or statistical protocol, if any, that Dr. Kohler implemented, in terms of trying to reach conclusions about those statistics?

A. I do not.

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Q. Okay. But here there is, at least, some data suggesting that it is more likely for, at least, some periods of time that an individual became addicted or initiated opiate use through heroin than through prescription opioid medications, right?

MR. KEARSE: Object to form.

- A. No. These are all below 50 percent, so it's -- even these articles say it is more likely to be pills.
- Q. Well, let's read it together and see if that stands up. If you look in the Results section here, do you see Results?
 - A. Yes.
- Q. It say, "The use of commonly prescribed opioids, oxycodone and hydrocodone, dropped from 42.4 percent and 42.3 percent of opioid initiators, respectively, to 24.1 percent and 27.8 percent in 2015"; do you see that?
 - A. Yes.

- Q. "Such that heroin as an initiating opioid was now more frequently endorsed than prescription opioid analgesics"; do you see that?
 - A. I do. Okay.

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Q. What is your understanding of that?

Let me read the conclusions first.

- A. Okay. So you are right. So their conclusion is that people started with heroin.
- Q. Has the Summit County ADM Board or anybody else in Summit County ever undertaken an evaluation or an analysis to determine whether or not these statistics would be true within Summit County?
- So, no, I don't think we've -- I've not seen statistics in Summit County, but I think the conclusions make a pretty strong statement, which is that because we have decreased the overprescribing of hydrocodone and oxycodone, that it stands to reason that more and more people might start with something other than prescription opiates. I don't think that's rocket science.
- Q. It stands to reason that some people -- they've never even tried a

prescription opioid, they would go right to heroin; is that what you are saying?

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A. That there are some -- there are always going to be some people who are going to try whatever is out there to feel differently, and there obviously are -- this may be representing the people, in fact, it may be a very positive sign that we have pushed back the -- overflooding the market with pills.

That, at least, leaves us with the only -- in quotes, the other half in the problem, which is to treat all the people for the next number of decades for their addiction.

- Q. When you say there is always going to be some people who are going to try whatever is out there, tell me what you mean by that?
- A. Well, psychiatrically, there are people who don't like how they feel, and they will snort, inhale, inject, skin pop, anything they can get their hands on, in order to feel differently, maybe hoping to feel better.

Some people do that by jumping off a bridge in a bungee cord or SCUBA diving or some other way of getting their rush. Others will try substances.

Q. And there is a certain segment of the population who is just predisposed to that kind of dangerous behavior; is that what you are saying?

MR. KEARSE: Object to form.

- A. Yeah. There is a small percentage of people who will do that, which, I think, accounted for the original, although far smaller heroin epidemic way back in the 70s. That was just a very small segment that had that path.
- Q. There is a follow-up email from somebody named Thomas Tallman. Do you know who -- by the way, is that a doctor?
 - A. I honestly don't know who that is.
- Q. You don't know who that is. He is at MetroHealth. Do you know what MetroHealth is?
- A. Yes.

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- Q. Is that a hospital?
 - A. That is a hospital in Cleveland.
- Q. But you are not familiar with Dr.
- 23 Tallman. Okay.
- He writes, in response to this
 email from Mr. Caraffi, "I can also add that a

significant number of inmates I have screened for Vivitrol MAT do not have a history of opioid addiction following a prescription for Percocet, OxyContin, et cetera"; do you see that?

A. I see that.

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Q. So he is further substantiating these statistics that suggest that actually people maybe are initiating with nonprescription opiates, street opiates, rather than initiating with FDA-approved prescription opioid medications, designed for legitimate medical use, right?

MR. KEARSE: Object to form.

A. It appears that's what he's saying; although, having worked in the prison setting in the past myself, I would doubt the veracity of many of the people who are giving me the information, and I'm sure he's got no other controls on that, so that saying, "Oh, yeah, I went out one day and snorted heroin, as opposed to doctor so and so gave me."

So, you know, yes, he seems to be supporting, but I don't know that I would -- I would put more stock on this study than I would

Page 305 on the --1 Q. Well, he's saying his experience 3 confirms the findings of the study, right? MR. KEARSE: Object to form. 4 Yeah. He seems to be wanting to 5 6 support it, based on his anecdotal information, 7 yes. And with respect to the reliability 8 Q. 9 of self-reporting by addicted patients, that's 10 the basis for all of these statistics, isn't 11 They are actually just asking addicted 12 patients how they initiated opiate use? 13 MS. KEARSE: Object to form. I believe when medical 14 Α. No. 15 examiners do it, they look back at OARRS, and 16 so forth, to find out if the person actually 17 received prescriptions for opiates. How would that tell them whether or 18 Ο. not they first had heroin, just because it is 19 20 in OARRS? 21 How do you know, based on looking 2.2 at OARRS, that somebody got a prescription, 23 they didn't have heroin first --24 MS. KEARSE: Object to form. -- that doesn't answer that 2.5 Q.

question, does it?

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- A. No, I agree. That wouldn't fully, 100 percent, answer the question, but...
- Q. So if you are relying on OARRS data alone to try and derive statistics about how somebody initiated opiates, you might be on a mission to nowhere, fair?

MR. KEARSE: Object to form.

- A. I think it depends on the patient. If it's a 17-year-old high school hockey player who twisted her ankle and had opiates, it's pretty fair to assume she didn't use heroin when she was 12.
- Q. Sure. Or if it is a 27-year-old, and you see that there is some prescription along the way, you can't determine whether or not that was their initiation to opiate abuse, right?
 - A. Not 100 percent, no.
- Q. Okay. And, likewise, if you are looking at information that's gleaned from toxicology reports in the medical examiner's office, and you see that there is certain substances present or not present, you can't learn from that information what that

Page 307 particular individual initiated, in terms of 1 their opiate use, correct? 3 Α. From one tox screen, no. All right. Let's move to the next 4 Ο. exhibit, which I'm going to mark as Exhibit 18. 5 6 7 (Thereupon, Deposition Exhibit 18, May 2015 Email Exchange, Beginning 8 9 with Bates Label SUMMIT 834829, was 10 marked for purposes of 11 identification.) 12 13 Q. This is an email exchange that you 14 were involved in, it goes back to May 2015, and 15 it starts on May 22, 2015. It was sent by 16 Janet Shaw. 17 Α. Uh-huh. 18 0. Is that a physician? 19 Α. No. 20 Q. Who is Ms. Shaw? 21 She is the administrative director 2.2 for the Ohio Psychiatric Physicians 23 Association. 2.4 Okay. And she writes to a group of Q. individuals, including you, and says that, 25

Page 308 "Representative Spraque's office called us 1 2. today to schedule a meeting to discuss four bills and the, " quote, "concept paper for 3 another bill that Representative Sprague is 4 having drafted to specifically address 5 behavioral health"; do you see that? 6 7 Α. Yes. And she addresses this to Members 8 Ο. 9 of the Public Mental Health Committee and Members of the Government Relations Committee; 10 11 do you see that? 12 Α. Yes. 13 Were you a member of one or both of those committees? 14 15 Α. Public Mental Health Committee, 16 yes. 17 What is the Public Mental Health 0. Committee? 18 19 It is a group of psychiatrists who 20 are members of the OPPA, who tend to work in 21 the community or public mental health arena, 2.2 and are interested in discussing ideas and 23 thoughts. 24 Q. Are you still on the public health -- I'm sorry, the Public Mental Health 25

Page 309 Committee? 1 Yes, I am. 2. Α. So she sends this information to 3 you and others who are on these committees, 4 5 right? 6 Α. Yes. 7 And then a gentleman by the name of Ο. Mark Munetz responds? 8 Yeah. Dr. Munetz. 9 Α. 10 Ο. Dr. Munetz, okay. He's at NEOMED? 11 He's the chair of psychiatry at Α. 12 NEOMED, yes. 13 Is that somebody -- is Mark somebody that you know? 14 15 Yeah. He was in my position at ADM 16 for about 20 years, before he shifted. 17 Okay. And then on top of Dr. Munetz's email, somebody by the name of Eileen 18 McGee weighs in; do you see that? 19 20 Α. Yes. 21 Who is Eileen McGee? 2.2 Α. She is another psychiatrist that I 23 know by phone, but not in person. 24 And then Dr. McGee writes, and Q. toward the end of her email she says, with 25

respect to two of the bills, "The other two seem overly intrusive into the practice of medicine and very punitive. If I read the one correctly, any opioid would require prior authorization, so if you are going to break a major bone, you better plan to do it?"; do you see that?

A. I see that.

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Q. In other words, she is expressing concern about this draft legislation that would place restrictions on individual healthcare providers' discretion to prescribe an FDA-approved opioid medicine when that doctor believes it is in the best interest of an individual patient, right?

MR. KEARSE: Object to form.

- A. Right, and again, without the attachments here, it's a little bit tougher, but, yes, apparently whatever the bill said, the fear was it would be overly restrictive to allow -- getting people to be able to get pain meds when they had legitimate pain, like a broken bone.
- Q. And your position here and historically has been you shouldn't -- you

shouldn't -- you shouldn't create incentives
for doctors to overprescribe when it's not in
the patient's best interest, nor should you
create a situation where doctors feel compelled
not to prescribe an opioid medicine when it is
in the patient's best interest, right?

- A. Correct.
- Q. And she's expressing concern about that very same thing, right?
 - A. Yes.

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- Q. And you write in, to say, "I agree with the comments from Mark, Eileen and Steve Jewell," and the last sentence of the first paragraph, you write, "I am concerned about Sprague's strong limits on docs for opiate prescribing, and that issue is not part of any of the other discussions"; do you see that?
 - A. I see that.
 - Q. Did I read it correctly?
 - A. Yes.
- Q. What were you saying, when you expressed concern about Representative Sprague's strong limits on doctors for opiate prescribing?
 - A. Without seeing the attachments, I

can't give you any specifics.

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- Q. Does this sound familiar to you?
- A. Yeah, it certainly sounds familiar. Yeah, it sounds familiar, but it has been over three years, and I would want to see the proposed bill before I can tell you what I fully meant about that.
- Q. Okay. To the extent that any individual representative or committee was advancing legislation that would limit an individual healthcare provider's discretion to prescribe an opioid medicine to a patient when it was, in that doctor's view, in the best interest of that patient, you would not favor that particular policy or legislation; is that fair?

MR. KEARSE: Object to form.

A. So I think I have to put my answer in context. You know, the problem is that, in effect, the way we were feeling, still are feeling, although it's getting better, even though we know we have got years of treatment of these individuals ahead of us, is that we are in the middle of people dying left and right, and everybody, every branch of

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government, every clinician of many types, is trying to figure out, how do we stop people from dying needlessly from opiate death overdoses.

And so what you have got, and here you've got -- we had millions -- not millions -- probably literally, though, hundreds of bills being proposed about what this representative, or that representative, or the governor, or law enforcement, or the attorney general, wanted do to try to solve this.

And so our difficulty was, wow, you know, we get it. People are dying, we got -- let's stop, let's eliminate all opiates. It was, kind of like, well, that doesn't work if you are physician, because we also are doing this to help people.

So I think that's the -- so in that context, this is one out of probably many discussions that we have had, you know, because the different bills or different things.

We shut down the pill mills, and that was a good thing to do, because we had to stop those, in those case, criminal physicians

from adding to the problem by putting more pills out there. On the other hand, those individuals now have addiction, and they are going to go find their pills somewhere.

So these are all balances, but we are in the middle of what felt like a war zone, and causes us to have these discussions, and how do you come up with the right answer.

Q. Got it.

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And there were some proposals that, in the view of you and other doctors, that went too far, in terms of restricting the use of opiates, or at least restricting an individual doctor's discretion to do what was best for a patient in a particular circumstance; is that fair?

A. Fair. That bill did not go forward, because we don't have that law now, so...

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(Thereupon, Deposition Exhibit 19, March 2017 Email Exchange, Beginning with Bates Label SUMMIT 887987, was marked for purposes of identification.)

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Page 315 1 This is Exhibit 19. This is 2. Q. 3 another email that you were a part of, an email exchange, I should say, that started in March 4 2017, and ultimately got forwarded to you a few 5 6 days later. 7 It starts with an email from Marqie Munn to Carol Baden; do you see that? 8 9 Α. I do. 10 Ο. Do you know who Carol Baden is? 11 I do not. Α. 12 This individual writes about the Ο. 1.3 suffering and the pain that she is experiencing, and she says that she is at the 14 15 end of her rope; do you see that? 16 Α. Yes. 17 She says, "My daily activities have 18 diminished even more, and I am barely existing. I am very discouraged. I have just about given 19 20 up on ever having a life and would much rather not be here to endure the pain. Not only is it 21 2.2 physically, but it is so mentally exhausting, 23 has affected my relationships with everyone. I now have become a recluse. Please hear my 24 desperation and please help"; do you see that? 25

Page 316 Α. I see that. 1 2. Q. Do you recall this email? I don't specifically recall this 3 Α. one, but... 4 What do you understand this person 5 6 to be saying? 7 Α. Well, it appears that she believes she is in extreme physical pain and apparently 8 9 is not getting the relief she needs. 10 And Ms. Baden is concerned enough 11 about this woman and what she's experienced 12 that she refers the situation to members of the 13 Summit County ADM Board. You can look back to see that. 14 15 First, it goes to Mr. Jerry Craig; 16 do you see that? If you go to 7989 in the 17 bottom right-hand corner, you can see the continuation of the conversation. 18 Yes. I see that Jerry Craiq sent 19 Α. 20

her an email, okay.

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On March 4, Jerry Craig sends this individual an email, learns that she lives in North Benton, they have a conversation, and then, later that night, this individual writes to Mr. Craiq; do you see that?

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- Q. And she describes her experience in more detail. She says she has had two major surgeries, she has had every injection that she is aware of, physical therapy makes her situation worse, right?
 - A. Yes.
- She writes, "I understand the point of doctors overprescribing and all of the deaths, but there are some of us that need medication to have some sort of quality of life. There are no more surgeries to help me. My highly qualified surgeon at The Cleveland Clinic said further surgeries will not help me. There are more overdoses because the government thinks they have the right to tell a doctor how to treat patients' pain. They simply are afraid of losing their licenses, and it is not fair to the doctor or the patient who follows the rules. I had to sell my home because I couldn't walk up the stairs. Some days I cannot get out of bed, and just to take a shower is a chore"; do you see all that? Uh-huh. Α.
 - A. UII-IIUII.
 - Q. She writes, "If you have

suggestions or ideas, I'm very open to them, but under no circumstances do I want to be labeled as a drug addict or drug seeker, because I am not. I just want to live the rest of my days at least being able to hold my grandchildren, get up in the morning, and be able to maintain a life without pain"; do you see that?

A. Yes.

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- Q. Do you think this woman from North Benton is a drug addict?
 - A. I have no idea.
- Q. Do you think that this woman from North Benton who wants to hold her grandchildren and walk up the stairs is a drug seeker, as that term is used in an pejorative sense?

MS. KEARSE: Object to form.

A. Again, not knowing her, it could be either direction. This could be an addiction talking, and she could have been thwarted at all turns to get further prescription medications to feed her addiction, and now she is reaching to, it looks like, the attorney general, who then referred her back to ADM.

If you can sell your parents' TV set or car for drugs, you can write emails that sound like you need help.

Q. Yeah. And you can also be somebody who wants to hold your grandchildren, but can't, because you are suffering from severe chronic pain that does not respond to anything but opiate medications, right?

MR. KEARSE: Object to form.

- A. Yes, that's also possible.
- Q. And if you keep going up the chain of the email, Mr. Craig now loops you in; do you see that?
 - A. Yes.

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- Q. He says, "I'm trying to find a gentle way to pass this woman along to a resource that offers information about pain management programs." And Mr. Craig is telling you he's looking for a way to pass this woman, who is from North Benton, to other resources and he wants to bow out, correct?
- A. Correct, because we are not in the specialty of treating pain, correct.
- Q. And you provide a list of actual pain clinics, right?

- A. In Mahoning County, right, because it turns out she is elsewhere.
- Q. And you provide a reference, though, to some pain clinics?
 - A. Correct.

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- Q. Were any of those pain clinics, in your view, pill mills?
- A. No. These were legitimate ones, and it happened that my small private practice of Worker's Comp patients, three days a month is Lake County, and one day a month is Mahoning County, so I knew where to find the legitimate pain clinics.

So our goal was to help her, but you can see Mr. Craig says, it turns out it wasn't a mental health issue, it was a pain issue. Well, we are not experts in treating pain, so we wanted to make sure we gave her the care she needed, and I believe that worked, because I think one of our adult liaisons reached out, and she got what she needed.

- Q. She got the pain treatment she needed, it turned out that she was not an addict?
- A. I don't know. She got the

Page 321 treatment she needed. I don't know what 1 2. treatment she got. 3 You don't know any details about Ο. it? 4 5 Α. I do not. 6 Jerry writes to you, at the very 7 top of this email chain, saying that, "This is outside your expertise, " right? 8 9 Α. Correct, meaning pain management. 10 So you are looking at this 11 situation from one side of the equation, from 12 the addiction side of the equation, but your 1.3 area of expertise is not the pain management side of the equation, right? 14 15 MR. KEARSE: Object to form. 16 So I looked at this as a person who neither Jerry or I could see or evaluate, and 17 18 somebody that, therefore, we would take 19 seriously and try to get her to somebody who 20 could actually see her in person and determine 21 what she need. 2.2 Q. And that's terrific, but I'm 23 referring specifically to the language specifically, "Outside of our expertise," and I 24

think you said earlier pain management is

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Page 322 outside of your expertise --1 2. MR. KEARSE: Object to form. 3 -- right? 0. Correct. None of us at ADM are 4 Α. pain experts. 5 So when you are looking at the 6 7 situation of the use of opiates and particularly prescription opioid medications, 8 9 you are coming at it from an addiction 10 perspective, you are not coming it from an 11 expertise in pain management; is that fair? 12 Α. Yes. 13 (Thereupon, Deposition Exhibit 20, 14 15 September 24, 2015 News Release From 16 the Ohio Department of Health, was 17 marked for purposes of identification.) 18 19 This is Exhibit 20. It is a 20 0. 21 September 24, 2015 news release from the Ohio 22 Department of Health; do you see that? 23 Α. Yes. This news release reports that Ohio 24 Q. 25 has seen a major increase in drug reports

involving fentanyl; do you see that?

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- Q. And we talked about fentanyl a little bit earlier, as coming from -- typically coming from China and being used, and it can be very dangerous, right?
 - A. Very dangerous.
- Q. It says about two-thirds down the page, "Since Ohio started to aggressively fight back against opiate abuse, the state has begun seeing some promising progress"; do you see that?
 - A. Yes.
- Q. And then it describes some of the progress that Ohio has seen?
 - A. Uh-huh.
- Q. Now, do you know, when this press release from the Ohio Department of Health refers to the state having begun to fight back aggressively against opiate abuse, do you know what period of time they are referring to?
- A. Well, it says beginning in -- "Building on efforts that started in 2011," in the paragraph above.
 - Q. And that would have been just a few

Page 324 months after Governor Strickland's Opiate Task 1 2. Force released its conclusions in October 2010, 3 right? MR. KEARSE: Object to form. 4 5 Α. Yeah, it appears that way. Yes. The first bullet point says, "The 6 Ο. 7 number of opiate prescriptions had decreased by 40 minimum doses"; do you see that? 8 9 Α. Yes. 10 Ο. Why did that number go down? 11 Because there was a lot of Α. 12 discussion about people dieing from overdose 1.3 deaths, physicians were gradually being educated about it, and it represents that there 14 15 clearly were way too much pills being dispensed 16 from pharmacies all across the state, and they 17 got -- they started to drop, and they have continued to drop, since that time, actually. 18 19 So you mentioned physician Q. 20 education --21 Α. Uh-huh. 2.2 Q. -- as one way that that number went down? 23 24 Α. Right. Anything else that you think 2.5 O .

explains why the number of opiate prescriptions decreased?

A. Sure. OARRS was in use, and then became mandatory. Lots of -- so there is those kind of pieces.

The eduction, the OARRS, somewhere in that time frame, I don't remember the exact dates, they may have shut down the pill mills, so that may have taken some of the pills out of the equation, but a lot of it was about physician education.

There were -- I mentioned before, there were guidelines placed in emergency departments, so that the -- any patient coming in, again, even somebody with an addiction would immediately see they are not going to get, which at its peak might have been a 30-day supply, a 90-day supply, when this was really rampant.

Now they are going to get maybe zero, maybe a day. They can't come in and complain they have tooth pain and get two weeks to get to their dentist. They are going to get two days and a dental referral, and the doctors were given the same guidelines, which is the

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perfect way to do it, because now I can easily say to the patients, "Sorry, you saw the placard, I can't give you more," and there is no battle.

"Well, doctor, I heard somebody got seven last week."

"Well, no, I'm sorry, they didn't, because that's against the rules." That's how that plays.

So there are a lot of ways that we were pushing, because, again, at that point in time, it was very clear that it was the overabundance of pills out in Ohio that was the root cause of the opiate overdoses. So we needed to push that number down.

- Q. When you say about these guidelines in emergency departments, who was issuing these guidelines?
- A. I believe those came through the Ohio Department of Health, so it was a statewide initiative, and I'm sure that ODMHAS had a role in that as well, you know, with their expertise.
- Q. Anything else? In terms of -- you have mentioned physician education, OARRS,

shutting down pill mills, and prescribing quidelines that were modified.

A. Uh-huh.

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- Q. Are there other reasons why, in your view, and in the view of the Summit County ADM Board, this number of opiate prescriptions decreased?
- A. Well, I mean, part of it, at that point, might have been not only physicians using OARRS, perhaps even the pharmacies started using it more effectively. So that, therefore, they were able to catch some of that. Prior to that, I don't think they were using OARRS effectively.
- Q. So OARRS can have value both in the clinical setting with the doctor, and in the pharmacy setting with the pharmacist, right?
 - A. Correct.
 - Q. Anything else?
- A. Not at the moment that I can think of, no.
- Q. The second bullet point there refers to doctor shopping. We have talked about that, and it also references OARRS?
 - A. Yes.

- Q. And it says the doctor shopping had decreased significantly, right?
 - A. Yes.

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- Q. Why did doctor shopping decrease?
- A. Basically, it was very difficult for patients to do it. As of this point, you are going to get caught, if you go to more than one doctor and that gets flagged on OARRS, again by the physician, by the pharmacy, and, I think by now, my guess is, the numbers dropped to close to zero, because it was really hard to pull off once it went -- once it became mandatory. On April 1 of 15, that number of 960 probably dropped down to very, very few.
- Q. Okay. Anything else that would explain why doctor shopping was reduced?
- A. That's the main -- that was the purpose of OARRS, and that was -- it is very effective for that.
- Q. The third bullet point refers to higher dosages of prescription opiate medicines being prescribed to patients, and saying that the volume of higher dosage prescriptions had also been reduced; do you see that?
 - A. Yes.

Q. Why did that go down?

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A. Well, it says it right here, "When Ohio's opiate prescribing guidelines were announced," so it was a reaction to the guidelines, which again really has a twofold effect, that is, that now physicians are on alert, but it gives the physician a tool to say to the patient, "Hey, you know what, I got this guideline, and I got to follow this, and I'm sorry, I can't give you that dose that you are seeking."

And as much as their addiction would probably get them sometimes to get pretty angry about it, at least what is remaining about their thought process, they can get to that easier than just, "Oh, it is just the doctor being mean to me today."

No, there is a guideline, and that's the way the rules are, so that's a very effective approach for two reasons, not just one reason.

Q. Okay. Great. Then the fourth bullet point, and last one on this page, refers to the percentage of opiate prescribers who are registered to use the OARRS database, and that

that number had gone up; do you see that?

A. Yes.

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- Q. Why did that number go up?
- A. I believe that -- I don't know when, when it was official. Again, as a psychiatrist, I wasn't prescribing opiates, which was the real purpose of OARRS, even though it does have all the controlled substances in it.

I don't recall the state hospitals even being aware that OARRS existed, even though, you know, it may have.

So I think once it got promoted, including my own conference in May, we were now telling doctors, "Hey, this tool exists. You really ought to sign up for it."

I mean, doctors don't want to hurt people. Doctors want to help people. So doctors started signing up even without it being mandatory. "Oh, my gosh, I could have done that. I'll sign up." So I don't think it was surprising that we would start to see an increase in enrollment in that.

Q. And that ended up being helpful, in terms of limiting doctor shopping and

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Page 331
     drug-seeking behavior from addicted
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     individuals, right?
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                  MR. KEARSE: Object to form.
                  Yeah. I mean, it stopped as many
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            Α.
     pills and high doses as -- from flowing, as
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     there were before.
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                 Okay. I think that was 20, right?
            Q.
            Α.
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                  Yes.
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            Q.
                  So we will go to 21.
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                  MR. BOEHM: I'm sorry.
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                  MR. KEARSE: My question was at a
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     break, I would love, just for curiosity sake,
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     how long we have on the record.
                  MR. BOEHM: Oh, we have so much
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     time.
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                  MR. KEARSE: I know we do. I just
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     was curious. I said, "At break, just for
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     curiosity."
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                  MR. BOEHM: I'm feeling no
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     constraint whatever right now.
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                  MR. KEARSE: I'm not asking you to.
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                  MR. BOEHM: I'm joking.
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                  MR. KEARSE: I said, "For curiosity
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     sake."
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Page 332
                  (Thereupon, Deposition Exhibit 21,
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                  2015 Ohio Drug Overdose Data Summary
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                  From the Ohio Department of Health,
                  was marked for purposes of
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                  identification.)
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                  Okay. Dr. Smith, this document has
            Ο.
     been marked as Exhibit 21, for purposes of your
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      deposition, and it is a 2005 Ohio Drug Overdose
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     Data Summary From the Ohio Department of
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     Health; do you see that?
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            Α.
                  2015, yes.
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            Q.
                  I'm sorry. Did I misstate that?
                                                      Ι
      said 2005. Thank you for the correction.
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                  MS. KEARSE: And I was asleep at
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     the wheel, so thank you.
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                  MR. BOEHM: Hey, this a witness --
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     he's on top of it. You can?
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                  THE WITNESS: I'm trying.
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                  MR. BOEHM: Yeah. No need to
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     worry.
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                  MR. KEARSE: I'm not.
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            0.
                  Okay. Is this the kind of document
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      that you would receive, as part of your
      professional duties as the clinical
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director -- the medical director and chief clinical officer for the Summit County ADM Board?

- A. Yes. It is representative of the kind of data we were always trying to get, sure.
- Q. Okay. If you turn to the second page here, at the top, it says that, "Although pharmaceutical fentanyl may be diverted for abuse in the U.S., the majority of fentanyl drug reports and fentanyl reported with other drugs result from illegally produced and tracked fentanyl, not diverted pharmaceutical fentanyl;" do you see that?
 - A. Yes.

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- Q. And I think that's consistent with what you were saying earlier, that the overwhelming majority of the fentanyl that's making its way onto the streets for abuse is illegally produced and trafficked, not pharmaceutical, right?
 - A. Correct.
- Q. Do you know what the percentages are, in terms of the illegally produced and trafficked fentanyl, versus the prescription

fentanyl?

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- A. I don't know the percentages. I know the percentage of prescription fentanyl is very low, because when they run -- they looked at like -- because to get prescription fentanyl diverted, it would be diverted from a hospital. They can watch -- they can track that, and they are showing that that's where it's coming from.
- Q. And around this time, Ohio was seeing an increase in drug reports involving fentanyl, right?
 - A. That's correct.
- Q. In your view, what accounted for the increased incidence of drug reports involving fentanyl?
- A. Well, so as we worked hard to get rid of the pills, and again, but we still have these individuals with addiction to deal with, their brain is going to make them find an opiate, and if that means they have to go to the street, they are going to go to the street, and likely they went to the street, and they think they are getting heroin, but they are getting heroin plus fentanyl, sometimes just fentanyl.

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- Q. And why is fentanyl making its way into heroin that people might purchase on the street?
- A. A weird version of drug dealer capitalism, is my thought.
 - Q. What do you mean by that?
- A. So the drug dealers, in this opiate epidemic, unlike the movies, we are not hearing about a bunch of people shooting each other because you're in my territory or they're in somebody else's territory, which is, kind of, how the movies portray it.

We have drug dealers who are attempting to make more money by giving better customer service and, in quotes, better product. To a person with the disease of addiction, the better product is the more potent opioid product.

So if I want to outdo you as a drug dealer, I'm going to try to find a friend of a friend of a friend and add a stronger opiate to my heroin and outsell you.

- Q. That's what you mean by drug dealer economics?
 - A. I didn't say that phrase but --

- Q. I thought you did. Maybe I misread it. You said drug dealer something?
 - A. Capitalism.

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Q. Capitalism, drug dealer capitalism.

If you turn to the next page of this document that has been marked as Exhibit 21, do you see right there in the middle of the page, it says, "Number of heroin overdose deaths increased," and this is for 2015, right?

- A. Yes, I see that.
- Q. And then just below that, it says, "Prescription opioid overdose deaths declined"; do you see that?
 - A. Yes.
- Q. And then there is a figure 4, which is a graph that tries to depict the declining prescription opioid overdose deaths and the increasing overdose with heroin and fentanyl, right?
 - A. Yes.
- Q. And it looks, in fact, like the number of opioid deaths related to prescription opioid use or abuse is steadily dropping since 2010, right?
 - A. Yes. It looks like it is, yep.

- Q. And the numbers for heroin and fentanyl are going up, right?
- A. Yeah. Fentanyl in particular. Heroin kind of peaked, yes.
- Q. Yeah, heroin kind of peaked, but fentanyl keeps going up, right?
 - A. Yes.

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- Q. And, in fact, it looks like, if you look over a few columns to the cocaine category; do you see that?
 - A. Yes.
- Q. The number of overdose deaths related to cocaine and prescription opioids, about the same, right, for 2015?
 - A. Oh, yes.
 - Q. Why is cocaine usage going up?
- A. You know, historically, if you look at trends across the country, as far as street drugs go, they wax and wane in whatever reason popular. I don't think it is clear why it is cocaine now or originally heroin back in the 70s or crack cocaine during the 80s. That seems to wax and wane, so it comes and goes, and cocaine may go up when methamphetamine drops, and then they will switch.

Q. Is that related to what you were saying earlier, about how there is going to be some segment of the population out there that is just going to use whatever is available?

A. Yes. There is a certain percentage, if they go down the path of trying a substance or many substances, they are likely to find the one that turns their brain on to addiction.

Q. Okay.

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(Thereupon, Deposition Exhibit 22, 2016 Ohio Drug Overdose Data Summary From the Ohio Department of Health, Beginning with Bates Label SUMMIT 820711, was for purposes of identification.)

- - - - -

Q. We are at Exhibit 22, which is now in front of you. This is a 2016 Ohio Drug

Overdose Data Summary From the Ohio Department of Health. So this is the same version of the document we were looking at for 2015, but now it is for 2016; do you see that?

A. Yes.

- Q. And it says that in 2016, if you look towards the bottom of that first paragraph, there were the fewest unintentional overdose deaths involving prescription opioids since 2009, when you exclude deaths involving fentanyl and related drugs; do you see that?
 - A. Yes.

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- Q. Why do you think that is the case; what accounts for that?
- A. We were getting rid of the pills. You know, we dropped off the ability for individuals to get the pills. We dropped off the ability for new people to get the pills and start their addiction. We were giving out the Deterra bags, which is the activated charcoal bags, to have people clear out their medicine cabinets, we were promoting the dump boxes in all the police precincts, to please bring in all your pills and your grandparents' pills and dump them, so that nobody can grab them out of your medicine cabinet, whether it's the plumber or the neighbor next door.

So we really -- we greatly decreased the -- what had been a smorgasbord of pills available everywhere in the state, to a

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much smaller amount, cut off the added flow between doctor shopping and things with OARRS, and the problem is, we still have these people who are addicted to opiates, and many of whom had started with the original pills out there, and they are going to find, because that's the definition of addiction, they are going to find an alternative, and they go to the street more and more.

- Q. Do you know who has been sued in this lawsuit?
 - A. Generally, yes, not specifically.
- Q. What is your understanding about that?
- A. I believe it's pharmaceutical companies that manufactured any of the opiates and pharmacy companies that distributed them.
- Q. When you say, "Pharmacy companies that distributed them," what do you mean by that? You mean the pharmacies --
 - A. The pharmacies, yeah.
- Q. -- where people go and have the drug dispensed?
- A. Yes. So CVS, Walmart here at the table, and so forth, yes.

- Q. Are you familiar with the concept of a wholesale drug distributor in the delivery of healthcare in the United States?
 - A. Only lightly.

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- Q. Do you know whether any wholesale distributors have been sued, as part of this lawsuit?
- A. I don't recall. When I glanced at the complaint, and again really truly glanced, it was a lengthy list of individuals on the defense side. So I would probably assume, yes, but I didn't read it that carefully.
- Q. Well, there is a long list, right?
 But let me ask you a maybe more relevant
 question.

Are you, as the Summit County ADM
Board chief clinical officer and medical
director, aware of any particular conduct by
closed-system wholesale distributors that you
believe has materially contributed to the
opioid epidemic in Summit County?

MR. KEARSE: Object to form.

A. Not knowing enough about the whole process, I haven't formed an opinion about that either way.

Page 342 Let's just take a break now, if we 1 Ο. could. 2. THE VIDEOGRAPHER: Off the record. 3 4:51. 4 5 (Recess taken.) THE VIDEOGRAPHER: We are back on 6 7 the record, 5:13. EXAMINATION OF DOUGLAS A. SMITH, M.D., DFAPA 8 BY MR. CARTER: 9 10 Good afternoon, doctor. 11 Good afternoon. Α. 12 I introduced myself on the record, Ο. 1.3 but we haven't had a chance to meet. My name 14 is Ed Carter, and I'll be asking you some questions, okay? 15 16 Α. Okay. 17 Because you guys have covered so 18 much, I'm going to jump around a little bit. The same rules apply, in terms of if you don't 19 20 understand one of my questions or if you need 21 clarification, will you let me know? 2.2 Α. T will. 23 And as I jump around, if you lose track of where I am, will you let me know, so I 24 25 can reorient you?

Page 343 Α. Yes. 1 2. Q. Okay. What is the Diagnostic and Statistical Manual? 3 So the DSM is the book that we use 4 Α. in psychiatry that -- and mental health, that 5 6 lists the diagnoses that are mostly based on 7 research, and it gives us a basic collection of things that we can use to communicate amongst 8 9 clinicians effectively, without having to 10 detail all the symptoms. We they can say somebody has X, say 11 12 a major depressive episode, and that 13 automatically tells that clinician a lot of information about the illness. So it's our way 14 15 of giving a diagnosis, just like in medicine, 16 they have other manuals. 17 And that manual is published by the APA, correct? 18 19 That's correct. Α. 20 The American Psychiatric Ο. 21 Association? 2.2 Α. Correct. And the current edition is the 2.3 DSM-5, right? 24 2.5 Α. That's correct. Since 2013, yes.

- Q. And under the DSM-5, there is an entire section that refers to substance-use disorders, correct?
 - A. Correct.

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- Q. And opioid-use disorder is one of the different types of substance-use disorders outlined in the DSM-5, correct?
 - A. Yes.
- Q. Does the DSM-5 use the term "addiction" as a diagnosis?
 - A. I don't believe it does, no.
- Q. It refers to a use disorder, correct?
 - A. That's correct.
- Q. And clinicians, such as yourself, according to the DSM, sometimes use the term addiction to refer to the more severe presentations of a use disorder, correct?
 - A. Yes.
- Q. So if we go to the criteria for an opioid use disorder, there will be the discussion of what you are looking for is a pattern of use that reflects or results in clinically significant impairment or distress, and it is evidenced by two or more of the

Page 345 various criteria that are outlined in the DSM, 1 correct? 3 Α. That's correct. And there is a scale, so that if 4 someone has two or three -- I think it is 5 actually two, four, it's mild, five or six is 6 7 moderate, and then more than six is severe, correct? 8 9 That sounds correct, yes. 10 And in the course of those 11 11 criteria that are outlined for an opioid-use 12 disorder, clinicians, such as yourself, 13 understand you don't use that as a checklist, 14 correct? 15 Α. What do you mean? 16 You can't -- a layperson can't just 17 go through that and apply it as a checklist. 18 It's something intended to be used with medical and clinical judgment, correct? 19 20 Α. That's correct. 21 And that training enables you to 22 apply DSM to a patient that you see in a clinical setting, correct? 23 2.4 Α. Yes. 2.5 Q. Okay. Have you ever used DSM to

diagnose a patient with an opioid-use disorder in a clinical setting?

- A. I am certainly capable of it, and I'm sure it happened on occasion in the state hospital. I have not done that in my job at ADM, since I'm not -- other than challenging cases, I'm not seeing them directly.
- Q. And sitting here today, do you have a specific recollection of a case in the clinical setting where you did that?
 - A. No.

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- Q. Have you ever applied DSM-5's opioid-use disorder criteria in a forensic setting, since being part of the ADM Board?
 - A. No, I have not.
- Q. So is it fair to say, in your medical practice, you have never diagnosed a resident of Summit County with an opioid-use disorder?
 - A. Correct.
- Q. And likewise, even though it is understood as a severe form of the disorder, you have never diagnosed a resident of Summit County with an addiction to opioids, correct?
 - A. Correct.

- Q. And that's either in a clinical or forensic setting, true?
 - A. True.

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- Q. Based on your training and experience, would you agree that you could not, as a medical matter, diagnose a patient with an opioid-use disorder simply by knowing that they use the substance; you would need more information to make that diagnosis, correct?
 - A. Correct.
- Q. So you couldn't just say, you know, person X uses hydrocodone, therefore, they have a use disorder. You would need that full clinical picture to be able to run through DSM, applying your medical and clinical judgment, correct?

MR. KEARSE: Object to form.

- A. Yes. I'd want to make sure they meet official criteria.
- Q. And you explained earlier that you don't personally prescribe opioid medications, but you do prescribe medications such as antidepressants, SSRIs, things of that nature, correct?
 - A. Yes.

- Q. And those medications have potential for abuse, correct?
 - A. Not much with antidepressants, no.
- Q. What about withdrawal, if someone doesn't go off those following the physicians' orders, if someone abruptly stops the use of an SSRI, can there be a withdrawal syndrome?
- A. Yes. There is -- well, I'm not sure if they officially call it withdrawal, but there is definitely an effect when the brain suddenly doesn't have what it was getting from a medication, and people do have symptoms of abrupt stopping of medications, like Zoloft, for example.
- Q. And one of the potential consequences of someone abruptly stopping one of those medications is there is an increased risk of suicide, correct?
 - A. Potentially, yes.
- Q. But despite the risks associated with the misuse or someone not following doctor's orders with those types of substances, there is still appropriate medical use for those substances, correct?
 - A. Yes.

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Q. Now, in terms of individual clinical cases in Summit County, do you know the details of any conversation a patient who is prescribed prescription opioids in Summit County had with their prescribing physician, regarding the risks or the proper use of that substance, do you have any information about what that doctor-patient interaction was, in any specific individual?

MR. KEARSE: Object to form.

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- Q. Do you know what any treating physician told any member of Summit County, in terms of the warnings that they gave, regarding the properties of their prescription?
 - A. No.
- Q. Do you have any information regarding what any pharmacist may have told the patients at the dispensing level about the risks of using those prescription opioids?
 - A. No.
- Q. In the course of your clinical practice, have you ever made a medical decision, based on something an opioid manufacturer, distributor, or pharmacy ever

Page 350 said publicly about prescription opioids? 1 MR. KEARSE: 2. Objection. As I said, I don't -- haven't -- I 3 Α. don't prescribe opiates, so, no. 4 5 Have you ever made any public 6 policy decisions, in your role on the ADM 7 Board, that you based on a statement from one of the defendants in this case? 8 9 Α. I don't set public policy, so, no. 10 Have you ever set ADM Board 11 initiatives or figured out how to best use 12 funds, based on something one of the defendants 13 in this case said about prescription opioids? 14 Α. No. 15 In terms of people that do use 16 prescription opioids, fair to say there are a 17 number of people who use prescription opioids 18 and never go on to use heroin? 19 Α. Yes. 20 Fair to say there are a number of Q. 21 people who use prescription opioids and never 22 go on to break the law, in trying to obtain 23 opioids? 24 Α. Yes.

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Q.

And that includes people that would

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be described as addicted to opioids? There are people addicted to opioids that never go on to use heroin, correct?

- A. Correct, if they find some other source for the opiates. The definition of addiction, if they can't obtain those substances, they are very highly likely to move on to finding them on the street or moving on to heroin.
- Q. And just to be clear, since we have talked about addiction an awful lot today, based on your medical training, the definition that you would use of addiction is what the APA sets forth in terms of a severe form of an opioid-use disorder, or one of the other substance-use disorders as defined in DSM-5; is that correct?

MR. KEARSE: Object to form.

- Q. Let me ask you, how would you define addiction? How did you in your practice understand addiction?
- A. So addiction, agreed, that we would use the DSM-5 to give the official diagnosis, as well as mild, moderate, severe, but addiction itself is, again, I've said before,

it's the individual who is either using the substance, thinking about using the substance, or actually obtaining the substance, and that's basically what they do, that's how they spend their time, and they do it despite continuing to use and all that, despite the negative consequences that it is causing to them, their family, their finances, their job, et cetera.

- Q. And it is true, is it not, that all of those clarifications you just added are just actually within the substance-use disorder category of DSM, correct?
 - A. Correct.

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- Q. And one of them, for example, is a significant amount of time using or trying to obtain the substance, that's one of the first criteria, correct?
 - A. That's correct.
- Q. Problematic, you know, people making sacrifices in their social lives or in their work lives or disruption, those are all individual criteria under the substance-use disorder framework, correct?
 - A. Correct.
 - Q. Cravings, you mentioned thinking

Page 353 about it, cravings for a substance, that's a 1 criteria under DSM as well, correct? 2. Correct. 3 Α. And used despite known harms, 4 that's another DSM criteria, correct? 5 6 Α. Correct. 7 So at the broadest level, there are Ο. different aspects of it that you've described, 8 but it all is articulated in that DSM 9 10 framework, fair? 11 Α. Yes. It is pretty thorough, yeah. 12 Now, with addictions generally, you 0. 1.3 agree that all addictions can be overcome, 14 correct? 15 MS. KEARSE: Object to form. 16 What do you mean by "overcome"? Α. 17 Well, people treat addiction, Q. 18 right? 19 Α. Yes. 20 And when a patient comes in for Q. 21 alcohol addiction, cocaine addiction, or 22 prescription opioid addiction, no patient is 23 ever told, "You might as well give up, there is no hope, it's an addiction, you can never beat 24 it, you know, that's going to be the rest of 25

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your life," that is something medical professionals never tell someone who comes in for addiction treatment, correct?

MR. KEARSE: Object to form.

- A. So we would not tell them there is no hope, but we would, in fact, tell them that it is a chronic illness and that they are going to need treatment, perhaps, the rest of their lives, as opposed to strep throat, where you are going to take ten days of antibiotics and it's gone. So there is hope, but it is not a onetime and you are done type of an illness.
- Q. Right. You would give them accurate information about the challenges, but you would never say this is a condition that you are not going to be able to deal with or live with or overcome the consequences of, you would never give that message, right?

MR. KEARSE: Object to form.

- A. Correct. We would always maintain hope.
- Q. And that's one of the things that the various task forces and organizations that you have been involved in, one of the options treatment of addiction, correct?

A. Certainly.

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Q. And the use of a substance resulting in addiction, all substance users, even addicted substance users, still maintain the ability to make the decision to try and quit, correct?

MS. KEARSE: Object to form.

- A. No, that's not accurate.
- Q. What circumstances would addiction deprive a person of the ability to try and quit?
- A. Many circumstances, actually. So the illness, once it has tricked your frontal lobes into believing that you must have the substance to survive, that is literally how your brain interprets it, that you must have it, you need the opiate more than you need water, more than you need food, more than you need sex to survive, it is -- it becomes, number one, as your drive, it is a true drive at that point.

Many people go pretty deep into despair, destruction of their lives and all aspects before, often times, somebody, like law enforcement or a judge, says, "You are going to

Page 356 get help." 1 2. So it's not like it's a choice, not 3 that they can just choose to get help. It is true that if given the right circumstances, 4 which may be coercive circumstances, you know, 5 6 prison for ten years versus we are going to 7 give you a drug court treatment, coercive, then the person can get help, but I wouldn't 8 9 characterize it as every person can choose to 10 get well. 11 With the proper internal motivation 12 and external support, every addicted person can 1.3 get treatment, correct? 14 MS. KEARSE: Object to form. 15 Α. Yes. If they can get to that stage 16 of change, which I will use as your internal 17 motivation, yes. And even addicted individuals still 18 19 have to go through the physical and mechanical 20 act of obtaining the substance and, you know, 21 injecting it or putting the pill in their 2.2 mouth, correct, or smoking a cigarette or 23 drinking a shot of whiskey? 24 MS. KEARSE: Object to form. 25 Α. Even, you said even the --

- Q. Yeah. Even individuals that are addicted, that is there is still a mechanical behavioral aspect, they have to take the substance, correct?
 - A. Even implies compared to who?
- Q. Get rid of the word even. All users of a substance are -- to use that substance, they have to mechanically take it, ingest it, in whatever form they are using it, correct?
 - A. Yes.

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- Q. And addicted individuals do not become mindless zombies who are compelled, against their free will, to take a substance, correct?
 - MR. KEARSE: Object to form.
 - A. I disagree with that.
- Q. So the brain changes that you talked about, it is true that changes to the brain receptors, when the substance is gone from the system, those changes to the brain revert back to normal levels, correct?
- A. So when somebody is taking a substance, their brain does change, becomes less -- make it simple, less sensitive to the

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substance. So they need more and more of the substance to get the same effect, and to maintain the feeling they are trying to get.

Again it is driven by the addiction, not by thinking, and to avoid withdrawal, which is the second reason that they maintain the addiction, so they would -- they would have two drivers that would keep them going.

There is no -- so they really are being compelled by their illness to obtain, mix, inject, snort the substance. It is not a -- not really a conscious thought process, in the sense of making a decision about whether to eat pizza or a sandwich today. It is much more driven by this animal need, this true drive that you must have this substance.

- Q. And the animal need you are talking about, it is the pleasure response system of the brain, correct?
 - A. Correct.
- Q. And in terms of the brain chemistry, there are receptors within the brain that various substances bind to and then they release substances -- for example, dopamine is

released, and that's part of the conditioning that is -- response, as you said, in some individuals can lead on an addiction, correct?

A. Correct.

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- Q. And in terms of that brain chemistry, the way that the receptors interact with the substance, if you looked at -- you know, you have seen, in the course of your medical research, that people can take PET scans of deceased individuals to scan the brain, correct?
 - A. Yes.
- Q. And psychiatry does that, you have seen studies like that, where they look at the receptor activation in, for example, a deceased smoker's brain, to see the dopamine release; have you seen things like that?
 - A. Yes.
- Q. Okay. And so if you look at the brain chemistry of someone who has never taken a prescription opioid, and then you look at someone who has been abstinent from a prescription opioid for six months, those brain scans, in terms of the receptor structure and the presence of those chemicals, would look

Page 360 identical, correct? 1 So given our current technology, 2. 3 they would look identical, but the person who is in recovery for six months is at much 4 5 greater risk of relapse, at least over that 6 ensuing year, at least 18 months total, 7 compared to that always-normal brain that never had the addiction. 8 9 And so withdrawal from a person who 10 is coming off of opioids, that usually lasts 11 seven to ten days, correct? 12 Α. Yes. Sometimes less, yes. And the peak, in the ordinary case, 13 Q. 14 is three to four days, correct? 15 Α. Yes. 16 And do you know what the half-light 17 is -- excuse me -- the half-life is of the 18 chemicals in opioids; how long after someone's 19 last dose does it take to be out of their 20 system? 21 They all vary. So fentanyl would 2.2 be much longer than Percocet, for example. 23 Do you know the half-life for 0. 24 oxycodone? 2.5 Α. I don't think it's very long,

actually. Eight or 12 hours, I think.

- Q. So within eight or 12 -- assuming that that's correct, within eight or 12 hours after taking the last dose of oxycodone, that chemical would be out of the user's system, correct?
 - MS. KEARSE: Object to form.
- A. Well, half of it would be out of the user's system, then half again the next. That's the definition of half-life.
 - Q. The half-life is 8 to 12 hours?
 - A. Yes.

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- Q. Okay. I misunderstood.
- Do you know what the half-life is for hydrocodone?
 - A. I don't. It is probably similar.
- Q. In the course of your career, have you seen anyone in Summit County who has died, had their death identified as being caused by prescription opioids, and a case where that person was using those prescription opioids, as directed by a physician; have you ever seen a case like that?
 - MR. KEARSE: Object to form.
 - A. I've not been -- I should say, I

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don't see the case, so I have not been informed by the medical examiner's office that they have had a case where somebody died on taking exactly the prescribed doses of a prescription opiate, no.

Q. In the course of your work, have you become aware of any specific resident of Summit County who died as a result of prescription opioid pills distributed, manufactured, or dispensed by any of the defendants in this case?

MR. KEARSE: Object to form.

A. I don't know that anybody has ever looked to see where -- you know, which pharmacy or which company they got it from.

Certainly Dr. Kohler's office looks to see, tries to figure out whether it was prescription pills versus illicit substance from the street and, to the extent that they are prescription opiates, I'm sure they came from some defendant or defendants in the case.

Q. Now, putting other people aside, you personally, have you made the determinations, are you aware of any specific individual in Summit County whose death was the

Page 363 result of prescription opiate pills linked to 1 one of the defendants; is that something you know? 3 Α. I wouldn't know the link. 4 5 Are you aware of any instance where prescription medications were diverted from a 6 7 retail pharmacy in Summit County? Α. No. 8 9 You mentioned, and it is reflected 10 in some of the documents that were marked as 11 exhibits, public perceptions about the safety 12 of prescription opioids; do you recall talking 13 about that generally? 14 Α. Yes. 15 Now, in terms of the information, 16 the comments describing those public 17 perceptions, are you an expert in the history of public opinions regarding prescription 18 opioids? 19 20 Α. You would have to define expert, I 21 quess. 2.2 Do you hold yourself out as an 23 expert historian? 2.4 No, sir. Α. Have you undertaken any systematic 2.5 Q.

Page 364 study of public perceptions in Summit County of 1 the health effects or addictive nature of 2. 3 prescription opioids? MR. KEARSE: Object to form. 4 Α. No. 5 Do you consider yourself an expert 6 0. 7 in risk perception? Α. No. 8 9 Do you hold yourself out as an 10 expert in polling or the study of public 11 opinion on various issues? 12 At least one, yes. Α. 13 Ο. What is that issue? 14 Dr. Thrasher and I did a survey 15 of -- attempted a survey, not everybody -- many 16 didn't respond -- of every physician in Ohio 17 about what was encouraging them to prescribe 18 opiates, when they didn't want to, including 19 patient satisfaction surveys and all that. 20 So in that case, we did a pretty 21 thorough poll. Sadly, with everybody being 2.2 busy, we didn't get a response rate at a level 23 that we thought, basically, we should publish So we didn't do that, but... 24 it. So you mentioned that survey that 2.5 Q.

you and Dr. Thrasher put out. So you, for that purposed, had a scientific methodology, and you tried to get a fair sample, and you said you designed the survey to try to get accurate information that you thought would withstand scientific methods, fair?

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- Q. And in terms of that methodology, have you applied that methodology in any other area related to prescription opioids?
 - A. No.
- Q. So you haven't done any other survey on attitudes or beliefs related to prescription opioids, correct?
 - A. Correct.
- Q. Including what the public perception was, whether they were safe, dangerous or somewhere in between?
 - A. Correct.
 - MR. KEARSE: Object to form.
- Q. The survey that you and Dr.

 Thrasher performed, did you submit it for peer review?
- A. No. As I said, we didn't get enough response rate to give the results to

Page 366 anybody. 1 Okay. So when you saw the response 3 rate, you realized that that was the information you collected, but in terms of 4 5 formalizing it, that was the end of the road, for that particular survey? 6 7 Correct. There weren't enough responses to make it rigorous enough, as far as 8 9 research. 10 Was one of the questions that you 11 asked in that survey whether pharmaceutical 12 marketing played a role in the physician's 1.3 prescribing behavior? I honestly don't recall. 14 15 0. Okay. We will get copies and come 16 back to that. 17 You mentioned a presentation that 18 you were asked to give in 2016 to the ADM Board, after carfentanil had come on the scene 19 20 the Fourth of July weekend; do you recall that? 21 Α. Yes. 2.2 I would like to mark -- well, I 23 have marked, and I'll hand down to you Exhibit 24 23. 2.5

Page 367 (Thereupon, Deposition Exhibit 23, 1 2. Presentation Given by Dr. Smith, was 3 marked for purposes of identification.) 4 5 Take a moment to familiarize 6 Q. 7 yourself with Exhibit 23. Α. 8 Sure. 9 Do you recognize this as a presentation that you have given? 10 11 Yes, multiple times. Α. 12 And there are some notes, towards Ο. 1.3 the back. This has page numbers in the presentation, because it was in native format, 14 15 and although the page numbers are somewhat 16 sporadic, it would be page 17, there is some 17 notes for slide 63; do you see that? 18 Α. I do. And then you see some individual's 19 20 names. Who is Mary Sonnhalter? 21 So this may be my presentation. 2.2 didn't add any notes. 2.3 So Mary Alice Sonnhalter was our 24 marketing and promotions person, worked with newspapers and things like that. It is now 25

Chrissy Gahash. She retired the end of last year, I guess.

- Who is Eric -- I'm sorry. 0.
- Α. Go ahead.
- Who is Eric Hutzell?
- Eric, as I mentioned earlier, is Α. our data analyst/research person, who really looks at the data and gives us the -- gives us these ending charts and graphs and so forth.
- And while the presentation itself is not dated, the comments embedded in the presentation that we just are looking at are indicated September 8, 2016; do you see that date?
 - Α. I do see that, yes.
- Is that around the time that it was your best estimate of when you gave the presentation to the ADM Board that they requested after carfentanil hit in July?
- Α. Yes. I'm thinking it would have been September 20 something of 16, yes.
- If you turn to page 7 -- well, let Q. me ask you a broader question, and it may take you a minute to flip through.

Do you know if this presentation

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mentions the word "carfentanil" anywhere in it?

A. Well, I can look.

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- Q. Okay. Please do.
- A. I should say, however, although the notes are old, the slides I keep updating with new data. So they may not -- they might have said it in September of 16, and they might not say it now, but I'll look.
- Okay. So I don't see carfentanil but -- hang on. I don't see carfentanil, but it actually looks like the printed date is November of 18, but this was actually from September of 16.
- Q. And I'll represent to you the printed date is when I printed it off from the production.
 - A. Okay.
- Q. So in any event, at the time -- at this time, September of 2016, had Summit County been able to publish data of what had just happened a couple months earlier, with respect to the arrival of carfentanil in the county?
- A. We wouldn't have yet, because we were doing the data quarterly, and so that would have fallen in a quarter later, before

Eric would have been able to add that to our charts and graphs.

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- Q. When you gave that presentation that the board requested in September of 2016, do you recall whether you made any updates to what was your standard deck, specifically to address carfentanil?
- A. I don't believe that I would have changed a chart or a graph for that. I would have talked about it, other than I have a -- let me see if it's in here.

So I did add -- it's not in this presentation. I did add a graphic that shows -- looks like a graphic of a pill and shows the relative strength of morphine, the base chemical that our brain deals with, that are brain actually deals with opiate-wise, and then heroin, fentanyl, carfentanil, showing that carfentanil is much more potent, but that graphic was added after that.

Q. I would like to ask you about one slide in this presentation. If you turn to numbered page 7, on the bottom left, there is a chart with a brain and a bunch of words, correct?

A. Yes.

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- Q. The title of this slide is Pleasure Centers, correct?
 - A. Yes.
- Q. And this is something designed to illustrate the point that the brain -- the brain function that we described earlier, in terms of various things that trigger positive reinforcement in the brain's pleasure reward system, correct?
- A. Correct. I use it to demonstrate that we all have certain things, that everyone is a little different, so that whereas some person may be turned on by Liam Neeson, somebody else might be turned on by Chicago pizza.

So I use that to -- and generally to get a little bit of humor from a sad topic, I'll usually tell people that I'm pretty certain all of us would agree on sex with chocolate would be a good one, and that usually gets a laugh.

Q. And what about the failures of others, why is that so prominently displayed on there?

Page 372 Oh, I -- you can ask Stivers, who 1 created that. 3 0. Okay. Some people are, I quess, more 4 sadistic than others. 5 I would like to mark as Exhibit 24 6 7 the following. 8 9 (Thereupon, Deposition Exhibit 24, 10 Composite Exhibit, Beginning with 11 Bates Label SUMMIT 880095, was 12 marked for purposes of 13 identification.) 14 15 0. Now, I'll tell you, this is a 16 longer exhibit than I intend to use, but I want 17 to just orient us to it, nonetheless. 18 This is a composite exhibit that starts with Summit 000880095, and continues 19 20 sequentially through ending Bates 145. It 21 starts with a cover sheet that has the minutes 22 from the January 21, 2014 meeting of the ADM Board, correct? 23 24 Yes. Α. All right. And the part that I 25 Q.

Page 373 wanted to ask you about is very close to the 1 2. end. It starts on ending Bates 140; do you see 3 that? 4 Α. Yes. Now, the top of the page ending in 5 6 140 says Summit County ABM Board Fiscal Year 2014 Community, Plan Attachment 2; do you see that? 8 9 Α. Yes. 10 And what does this depict? 11 So part of our approach was to help 12 instill hope, show that people can, in fact, 1.3 get back into -- either back or for the first time into recovery, and these are individuals 14 15 telling their stories of hope, including --16 yeah, and these are people who are willing to 17 put their faces out there on the -- because they are on our website, so, publically. 18 19 So these are actual testimonials, Q. 20 correct? 21 That's correct. Α. 2.2 And none of these are, you know, 23 manufactured or made up. These are real people telling real stories, correct? 24 25 Α. Correct.

- Q. And below the featured story section, there is a little bit of text that says, "Alcoholism, drug addiction, mental illness are real medical conditions that can affect anyone. People can live rich and fulfilling lives with the right services and supports funded by the ADM Board"; did I read that correctly?
 - A. That's correct.
- Q. And the stories of hope that the ADM Board is offering are hope to people that are struggling with addiction, correct?
 - A. Yes.

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- Q. And so the first individual, Jarod, the headline next to his video says, "Today, I am in control of my future," correct?
 - A. Yes.
- Q. So this is someone who was dealing with addiction, but as a result of the treatment that was provided, is able to feel like he's in control of his future, correct?
- A. Right. You can see it says, in micro print, "After multiple attempts in detox," et cetera. So it also is very real-world, because it demonstrates it is a

Page 375 challenging illness to gain full control over 1 2. and may require repeated attempts to get that 3 treatment. Q. And so motivation and persistence 4 are important in an individual addressing their 5 substance addictions, correct? 6 7 Yes, even though many times that motivation is external. 8 9 0. And persistence is necessary? 10 Α. Yes. 11 No matter how hard you, as a Ο. 12 physician, want someone to quit, at the end of 1.3 the day, you, as a physician, can't make that decision for them, can you? 14 15 Α. No. 16 MR. KEARSE: Objection. Form. 17 Correct, the patient plays, Α. 18 certainly, a role in their own recovery. And they have to make a decision 19 20 for themselves that you can't make for them, as 21 a physician? 2.2 Α. Correct. 23 MR. CARTER: Okay. Those are all the questions I have. Thank you for your time. 24 25 I'll pass you over to co-counsel.

Page 376 THE VIDEOGRAPHER: Off the record, 1 5:52. (Pause.) 3 THE VIDEOGRAPHER: We are back on 4 the record, 6:01. 5 EXAMINATION OF DOUGLAS A. SMITH, M.D., DFAPA 6 7 BY MS. WEST FEINSTEIN: Good evening, doctor. We met 8 Q. 9 briefly before the beginning of today's 10 deposition, way back this morning, but I'll 11 reintroduce myself. My name is Wendy West 12 Feinstein, I'm with the law firm of Morgan 1.3 Lewis, and I represent the Teva defendants in this litigation. 14 15 Were you aware that any claims were 16 brought against the Teva defendants in this 17 litigation? 18 Again, not specifically. They are probably in the big list I glanced at. 19 20 Are you familiar with any of the 21 prescription opioids that are manufactured by 2.2 any of the Teva defendants? 2.3 Probably good, in terms of influence by pharmaceutical reps, but I never 24 seem to remember which company makes which 2.5

Page 377 medication, so, no, I'm not sure which one Teva 1 makes. 3 And you just mentioned 0. pharmaceutical reps. Have you been visited by 4 5 any detail representative from any Teva-related 6 entity? 7 Not that I'm aware of, no. And you have not been detailed by 8 Q . 9 any pharmaceutical representative regarding 10 opioid, prescription opioid medications, right? 11 Correct. Α. 12 And you have never, since being in Ο. 1.3 practice, since leaving the hospital, you do not recall prescribing any opioid medications, 14 15 right? 16 Correct. Α. We talked a little bit earlier 17 Q. 18 about the FDA approval process for opioids; do 19 you recall that testimony --20 Α. Yes. -- with one my colleagues? 21 Ο. And you mentioned that the FDA 2.2 23 process is rigorous and thorough, right? 2.4 Α. Yes. 2.5 Q. Are you aware that, as a part of

the FDA approval process, that the FDA also approves a package insert or labelling for a product?

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- Q. Have you read the FDA-approved labels for any of the prescription opioids?
- A. I think I did actually read a couple way back in 13 or 14, as I was gathering all the information, but it's been a while.
- Q. Do you recall seeing a black box warning on any of those labels that you reviewed?
- A. Sitting here today, I don't recall, because I don't prescribe them, so...
- Q. And do you know what I'm talking about when I refer to a black box warnings?
 - A. Oh, yes.
- Q. And can you describe for us what your understanding is of a black box warning?
- A. Sure. It indicates that there is a potential for a serious, adverse event from that medication in -- for example, in antidepressants with younger individuals, there is a black box warning against suicidality increasing.

- Q. You just mentioned that with prescription opioids, you are not familiar with the black box warning on their labels; is that right?
 - A. Yeah. I don't recall what it was.
- Q. Do you remember ever being informed that prescription opioids include a black box warning about addiction?

MS. KEARSE: Object to form.

- A. No, but I wouldn't be surprised, especially in the current environment.
- Q. Do you know the last time, the most recent time that any prescription opioid label has been updated?
 - A. No.
- Q. As part of the FDA's functions with prescription medications in the U.S., are you familiar with its involvement in reviewing advertising for prescription drugs?
- A. I'm familiar that maybe a decade ago, at some point, there was a change, and they added the warnings at the end of the pharmaceutical commercials to give you the adverse effects, potentials, as well as -- on top of the positives that were being promoted

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Page 380 in the advertising. 1 I'm not sure exactly what year that 2. 3 was, but in my mind's eye, it was about a decade ago. 4 You're not an expert in regulatory 5 6 affairs, are you? 7 Α. No. 8 O . You are not an expert in 9 pharmaceutical marketing, are you? 10 Α. No. 11 But you are aware that it is 12 permissible and lawful for pharmaceutical 13 manufacturers to advertise their medications, 14 right? 15 Α. Yes. 16 And that promotion is -- are you 17 aware that that promotion is reviewed and evaluated by FDA at times? 18 19 Α. Yes. 20 Have you personally seen any 21 direct-to-consumer marketing related to 22 prescription opioids? 23 I have to think about that. I don't watch much TV, so that wouldn't be where 24 it would get me. I have to think about medical 25

Page 381 journals and stuff. I don't -- not in any 1 2. recent time, no. 3 Have you seen any form of marketing 0. for prescription opioids? 4 5 Not in recent years. 6 0. At any time? 7 Α. I couldn't tell you what I saw a decade ago, but... 8 9 0. Nothing stands out to you --10 Α. Correct. 11 -- as you sit here today? Q. 12 Α. No. 1.3 Q . Since you took the position at the 14 ADM Board and formed the Opiate Task Force, did 15 you review any prescription opioid marketing 16 materials? 17 Α. I haven't looked into that, as No. 18 a part of my research, no. 19 Are you aware of any 20 misrepresentation made by any manufacturer 21 relating to its prescription opioids? 2.2 Α. Only by -- you know, others have said that they've -- the Dr. Jick article and 23 24 things that were stated along the way, but not directly to me. 25

- Q. And Dr. Jick isn't a prescription opioid manufacturer, is he?
 - A. No.

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- Q. Right. So are you aware of any statements or misrepresentations made directly by any manufacturer of prescription opioids?
 - A. No.
- Q. Are you aware of any omissions regarding risks, for example, made by any manufacturer of prescription opioids?
 - A. No.
- Q. Are you aware of any physician within Summit County who has been misled by any statements made by any manufacturer of prescription opioids?
- A. No. No one has come forward to tell me that, so...
- Q. Are you aware of any prescription that has been written to any patient in Summit County, on the basis of a misrepresentation made by any pharmaceutical manufacturer?
 - A. No.
- Q. Have you seen any information regarding any agreement among pharmaceutical manufacturers related to opioid marketing?

Page 383 Α. No. 1 2. Q. Have you seen any information that 3 ties any pharmaceutical manufacturer who manufacturers prescription opioids to Dr. Jick? 4 5 Can you repeat that, please. 6 Ο. Have you seen any information that 7 ties any pharmaceutical manufacturer of a prescription opioid to Dr. Jick? 8 9 I think I've seen reference to that 10 in an article somewhere, as well as in Dreamland. That's where I would have seen 11 12 that. 1.3 Q . But you personally aren't aware of any data or evidence, other than what you read 14 15 in Dreamland; is that right? 16 MS. KEARSE: Object to form. 17 And there was some other article I Α. 18 saw written, maybe it was because of Dreamland, but it was actually in one of the medical 19 20 journals, but no, not directly in Summit 21 County. 2.2 You mentioned that in your 23 research, you didn't come across any marketing

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information performed by any of the

pharmaceutical manufacturers.

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Can you please tell me what research did you do after joining the ADM Board or at any time relating to prescription opioids?

- A. I'm sure most of it was talking to the addiction specialists in Summit County,
 Department of Health, the Department of Mental
 Health, which then became the Department of
 Mental Health and Addiction Services, went to
 the annual meeting of the American Academy of
 Addiction Psychiatrists, and then through the
 Opiate Task Force, we have had, kind of, a
 constant flow of information that comes in,
 much of which I get to look at, so...
- Q. So when you are using the term "research," you are not talking, sort of, scientific research and epidemiological studies; is that right?
- A. Correct. Right. I'm not running research projects on opiates. I do see a lot epidemiological data through Summit County Public Health.
- Q. Is it fair to say that most of the information that you have regarding the opioid crisis and the opioid epidemic is from other

sources; it's not information that you have developed on your own?

MR. KEARSE: Object to form.

A. Correct. We're -- our mission is not to create that information. It's to use the information to determine where to use our funds to treat people in the county.

MS. WEST FEINSTEIN: Thanks, doctor. I have the nothing further.

MR. KEARSE: Are you coming back? You passed the witness already.

EXAMINATION OF DOUGLAS A. SMITH, M.D., DFAPA BY MR. BOEHM:

- Q. Okay. Dr. Smith, I have just a couple of questions in reference to a point that you made about some kind of survey study that you thought about doing; do you remember that?
 - A. Yes.
- Q. I think you said that, in response to a question about whether you hold yourself out as an expert in certain fields, you kind of suggested that you might hold yourself out as an expert in one particular area, having to do with this survey thing that you did; did I hear

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that right?

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MR. KEARSE: Object to form.

- A. No. I said I had experience with doing one particular survey with Dr. Thrasher of all the physicians in Ohio. The attempted survey, I guess I should say, because we got a very dismal response rate. So I couldn't use the data to reach any conclusions.
- Q. Okay. Just to be clear then, and make sure we have this very clear on the record, do you consider yourself an expert in survey methodology?
 - A. No.
- Q. Did you have an expert in survey methodology who was working with you and Dr. Thrasher in preparing the questions or in analyzing the survey results?

MR. KEARSE: Object to form.

A. So in that case, Dr. Thrasher -- again, I'm not the expert on opiates -- he did vet the questions and so forth through a number of individuals, some of whom may have had that expertise, but I'm not aware of who they were.

The data analysis, again, not done by an expert, because we didn't get enough

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Page 387 results to make it worth actual analysis. 1 2. I see. So the data you received 3 back never even got analyzed by an expert; is that right? 4 5 That's correct. MR. BOEHM: Are we at 25? 6 7 THE NOTARY: I think so. 8 (Thereupon, Deposition Exhibit 25, 10 December 2014 Email Exchange, 11 Beginning with Bates Label SUMMIT 12 93592, was marked for purposes of 13 identification.) 14 I have marked this document as 15 0. 16 Exhibit 25, and it is an email Exchange --17 MS. KEARSE: Wait. Can I have one? 18 MR. BOEHM: Oh, I'm sorry. This is an email exchange that I 19 Q. 20 think relates to this idea for a survey that 21 you referenced earlier in your testimony; is 2.2 that correct? 23 Yes, it does. 24 And there is an email that --Q. actually, you start this email chain, if you 25

Page 388 turn to page 2, right? 1 2. Α. Yes. You say, "Dr. Thrasher and I are 3 working with two physicians from NEOMED about a 4 plan to conduct a survey of all" -- and the 5 word all is in all caps, right? 6 7 Α. Yes. " All Ohio physicians on factors 8 Q. 9 that contribute to physician prescribing practices for opiates"; did I read that right? 10 11 Α. Yes. 12 Who were the two physicians that 1.3 you and Dr. Thrasher were working with from NEOMED? 14 15 From NEOMED, it would have been Dr. 16 Mark Munetz, I'm sure, and 2014, I'm not sure 17 who the other doctor would have been. There 18 was only one -- the battery is low on your 19 phone. MR. BOEHM: Make sure it is plugged 20 21 in. 2.2 From NEOMED, I don't know, 23 actually, at the moment who the other person 24 who have been, since there is only one I can think of at NEOMED right now. 25

Page 389 Okay. And you attached to this 1 2. email, it looks like, maybe some drafts or proposed questions that might be used for the 3 survey --4 5 Α. Yes. -- do you see that? 6 0. 7 Α. Yes. And you solicit feedback from the 8 Q. 9 recipients, right? 10 Α. Correct. 11 Are any of the individuals who are 12 recipients of this email experts in survey 13 methodology? 14 Survey methodology -- addiction, 15 yes, survey methodology, no. 16 You do get some feedback from -- is 17 that Dr. Michelle Blanda? 18 Α. Yes. And she raises the issue of the 19 20 standards from the JCAHO; is that the Joint 21 Commission? 2.2 Α. Yes, it is. 23 She says, "The standards for Joint Commission is that patients have a right to 24 have their pain addressed"; do you see that? 25

A. Yes.

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- Q. And she says, "I would include some definition of the standards that you are referring to"; do you see that?
 - A. Yes.
- Q. What did you understand Dr. Blanda to mean?
- A. I think she was concerned that not all physicians would even be aware that Joint Commission had standards. Not all physicians work in a setting accredited by Joint Commission. So she was asking that we enumerate what the standard was, so that all physicians, you know, could respond to it, as opposed to only ones working in a setting, although there are many of them that are accredited by Joint Commission.
- Q. What percentage, if you know, of hospitals and private practices are accredited by the Joint Commission, as opposed to those that are not?
- A. Sure. So a private practice, zero percent.
- Q. That's not -- a private practice wouldn't be accredited by Joint Commission --

Page 391 Correct. 1 Α. 2. Q. -- is that right? That's correct. 3 Α. So the Joint Commission would --0. 4 Α. Like a clinic --5 -- accredit hospitals? 6 0. 7 Sorry. Yeah. Hospitals, clinics, Α. larger entities that -- an individual 8 9 physician, I don't think he or she could comply 10 with the book of Joint Commission standards, 11 because you need a bunch of people to be able 12 to fulfill a lot of the standards, so... 13 14 (Thereupon, Deposition Exhibit 26, 15 Surveying Ohio Physicians on Opiate 16 Prescribing Behaviors, Beginning 17 with Bates Label SUMMIT 839795, was 18 marked for purposes of identification.) 19 20 And you all put together a draft 21 2.2 article in connection with the results that you 23 received back from your survey, right? 24 This would be -- I just marked Exhibit 26; is that right? 25

- A. Yeah. Dr. Thrasher did actually write that.
 - Q. Did you help draft this?
- A. He wrote it, I'm sure I reviewed it, but he actually wrote i.
- Q. And the title is Surveying Ohio Physicians on Opiate Prescribing Behaviors?
 - A. Yes.

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- Q. And it says, about a third of the way into the first paragraph there, that, "A survey was created and distributed to Ohio physicians and podiatrists" and skipping just a little bit further, it says, "The response rate was 11.8 percent," right?
 - A. Yes.
- Q. And your view was that response rate is too low for there to be reliable results, is that --
- A. Yeah. It's hard to translate that to all physicians' thoughts when there were something like 47,000 physicians that it went out to and about 900 podiatrists, because they are part of the same board.
- Q. The final sentence of the abstract says, "Pharmaceutical marketing and continuing

Page 393 medical education were more likely to decrease 1 2. a physician's opiate prescribing with more 3 years of experience"; did I read that right? Yes. It means that physicians with 4 Α. more years of experience, they are less likely 5 to be affected by pharmaceutical marketing. 6 7 It actually says that it would Ο. decrease a physician's opiate prescribing --8 9 MR. KEARSE: Object to form. 10 -- right? In other words, there Ο. 11 are two factors here: One variable is 12 pharmaceutical marketing and CMEs, and 1.3 continuing medical education --14 Α. Right. 15 -- and information, training that 16 doctors receive, right? 17 Α. Uh-huh. 18 But that was associated with a 19 decreased amount of prescribing, in those 20 doctors who were more experienced, right? 21 Α. Yes. So to the extent you received 2.2 23 survey results, that was, at least, one of the 24 findings that you found, right? 2.5 Α. Right.

Page 394 MR. KEARSE: Object to form. 1 2. Q. I want you to turn, if you could, 3 just a couple of pages in, to the Discussion section. Let met know when you are there. 4 Okay. Yep. 5 This is, for the record, the Bates 6 0. 7 number that ends 9798. Α. 8 Yes. 9 And you talk about some limitations 10 of the study, right? I'm directing you to the paragraph 11 12 that begins, "Limitations to the study." It's 1.3 the final paragraph on this page. Α. 14 Yes. MR. KEARSE: I'm going to object to 15 16 form, and I think the doctor testified it is 17 not his paper. It is Dr. Thrasher's, just so the record is clear. 18 19 Is it your testimony that this 20 isn't yours? 21 Dr. Thrasher wrote it. I'm sure 2.2 that I looked at it, but he wrote it. I see. But these were the results 23 0. 24 from the study that you and Dr. Thrasher

attempted to conduct, right?

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- Q. And it says, "Limitations to this study include the low response rate," and you talked about that, "And the wording of the questions"; do you see that?
 - A. Yes.
 - Q. What do you mean by that?
- A. That, I think, we had a number of responses on email as a question, like, "What do you mean to this, what do you mean to that," which again, probably because we didn't have a survey expert, you know, writing the questions, so it was -- so again, another reason to say are the results really of any value. It's unclear. If you don't know what the question means, if you answer it anyway, we can try to interpret that as what we meant by the question, but the doctor might not have responded that way.
- Q. And then about two-thirds in, do you see the sentence that begins, "Attempting to finish this study"?
 - A. Yes.
- Q. It says, "Attempting to finish this study in the time allotted during academic

semesters was also a limitation."

A. Uh-huh.

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- Q. What is that referring to?
- A. I think the other person at NEOMED might not have been a physician, but somebody working on a Master's degree, who was helping us, and the name escapes me because, of course, we didn't publish it, so we don't have names on it.

So they wanted to get the results back in a short time. We were told there was a particular technique, and I'm forgetting the name of it, where if you send a survey out and then you continue to send it out at a certain interval, a certain number of times, I think it was like seven times, in theory, under survey expertise, that gets you some really high response rate, by the time we get done with that methodology, and we ended up cutting that short, thereby not following that model, and that may have accounted for our low response rate.

Q. Okay. And this had to do with the personal circumstances of a Master's degree student?

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A. Right. Who actually, quite frankly, may have written this up, and then Dr. Thrasher added to it, and then I basically, as the recipient.

Q. The idea of writing up a draft like this is to consider submitting it to a peer-reviewed medical journal, correct?

MS. KEARSE: Object to form.

- A. Well, in this case, the person working the Master's degree had to come up with -- had to do something as a -- to submit to a board to get their Master's, but that does not mean that we said, "Gee, we better submit this to publication," because I don't think -- neither I nor Dr. Thrasher thought it would stand up to peer-review scrutiny, because of the limitations.
- Q. The bottom line is, you don't believe in the results of this particular survey study that you tried to put together?

 MR. KEARSE: Object to form.
- A. Yeah. Correct. I, quite frankly, soon thereafter kind of discounted it, and we moved on.
 - Q. Okay. Did you discount it in part

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because it didn't -- the results that you received, whatever their limitations, didn't match your preconceived hypothesis?

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MS. KEARSE: Object to form.

- A. No. That had nothing to do with it. Just I was very disappointed that we couldn't get a better response, when we thought we were trying to do something good, that would help us figure out what factors were playing here, and given that, wasn't willing to put my name or ADM's name on it and have it out there.
- Q. Do you agree, as general matter, that sometimes perceived factors, things that are taken to be true or perceived to be true, can be undermined by actual data, when studies are actually performed?

MR. KEARSE: Object to form.

- A. Can you repeat that.
- Q. Sure. Do you agree that perceived factors or perceived perceptions about what might be true, even in medical science, can sometimes be disproved by actual data?

MR. KEARSE: Object to form.

A. Certainly. Yeah. Medical science changes all the time, based on new studies that

```
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1
     come out.
2.
           Q. And that's why it is important to
3
     have reliable, sound, and, if possible,
     peer-reviewed science to back up claims that
4
     are made, fair?
5
6
                  MS. KEARSE: Object to form.
7
                  Yes. That's why we didn't publish
           Α.
     this.
8
9
                  MR. BOEHM: Thank you.
10
                  Anne, do you have any questions?
11
                  MR. KEARSE: I don't know. We will
12
     have a break, and I'll let you know.
13
                  MR. BOEHM: Sounds good. Go off
     the record.
14
                  THE VIDEOGRAPHER: Off the record
15
16
     at 6:25.
17
                  (Recess taken.)
18
                  THE VIDEOGRAPHER: Back on the
     record. The time is 6:26.
19
20
                  MR. KEARSE: I want that on the
21
     record though.
2.2
                  MR. BOEHM: Happy to put that on
     the record.
23
24
                  MR. KEARSE: The deposition is
     closed. Thank you, Dr. Smith, for answering
25
```

```
Page 400
      questions of counsel today.
1
                   MR. BOEHM: Yes, we agree. Thank
2
     you very much for your time today.
3
                   THE VIDEOGRAPHER: Off the record,
4
5
      6:26.
            (Deposition concluded at 6:26 p.m.)
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
```

Page 401 Whereupon, counsel was requested to give 1 2. instruction regarding the witness's review of the transcript pursuant to the Civil Rules. 3 4 5 SIGNATURE: 6 Transcript review was requested pursuant to the 7 applicable Rules of Civil Procedure. 8 9 TRANSCRIPT DELIVERY: 10 Counsel was requested to give instruction 11 regarding delivery date of transcript. 12 13 14 15 16 17 18 19 20 21 2.2 23 24 25

```
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                   REPORTER'S CERTIFICATE
1
2.
      The State of Ohio, )
3
                                    SS:
     County of Cuyahoga.
4
5
                  I, Wendy L. Klauss, a Notary Public
6
7
     within and for the State of Ohio, duly
     commissioned and qualified, do hereby certify
8
9
     that the within named witness, DOUGLAS A.
10
     SMITH, M.D., DFAPA, was by me first duly sworn
11
     to testify the truth, the whole truth and
12
     nothing but the truth in the cause aforesaid;
13
     that the testimony then given by the
     above-referenced witness was by me reduced to
14
15
     stenotypy in the presence of said witness;
16
     afterwards transcribed, and that the foregoing
17
      is a true and correct transcription of the
18
     testimony so given by the above-referenced
     witness.
19
20
                  I do further certify that this
21
     deposition was taken at the time and place in
2.2
     the foregoing caption specified and was
23
     completed without adjournment.
2.4
2.5
```

Page 403 I do further certify that I am not 1 a relative, counsel or attorney for either 2 party, or otherwise interested in the event of 3 this action. 4 IN WITNESS WHEREOF, I have hereunto 5 set my hand and affixed my seal of office at 6 7 Cleveland, Ohio, on this 21st day of November, 2018. 8 9 10 11 12 Wendy L. Plauss 13 Wendy L. Klauss, Notary Public 14 15 within and for the State of Ohio 16 17 My commission expires July 13, 2019. 18 19 20 21 2.2 23 24 25

```
Page 404
                               Veritext Legal Solutions
1
                                  1100 Superior Ave
2
                                     Suite 1820
                                Cleveland, Ohio 44114
                                 Phone: 216-523-1313
3
      November 21, 2018
5
      To: Anne Kearse
6
      Case Name: In Re: National Prescription Opiate Litigation v.
7
      Veritext Reference Number: 3112788
8
      Witness: Douglas A. Smith, M.D., DFAPA Deposition Date:
      11/16/2018
9
10
      Dear Sir/Madam:
11
      Enclosed please find a deposition transcript. Please have the witness
12
13
      review the transcript and note any changes or corrections on the
14
      included errata sheet, indicating the page, line number, change, and
15
      the reason for the change. Have the witness' signature notarized and
      forward the completed page(s) back to us at the Production address
16
      shown
17
      above, or email to production-midwest@veritext.com.
18
19
      If the errata is not returned within thirty days of your receipt of
20
      this letter, the reading and signing will be deemed waived.
21
      Sincerely,
22
      Production Department
23
24
25
      NO NOTARY REQUIRED IN CA
```

	Page 405
1	DEPOSITION REVIEW
	CERTIFICATION OF WITNESS
2	
	ASSIGNMENT REFERENCE NO: 3112788
3	CASE NAME: In Re: National Prescription Opiate Litigation v.
	DATE OF DEPOSITION: 11/16/2018
4	WITNESS' NAME: Douglas A. Smith, M.D., DFAPA
5	In accordance with the Rules of Civil
	Procedure, I have read the entire transcript of
6	my testimony or it has been read to me.
7	I have made no changes to the testimony
	as transcribed by the court reporter.
8	
	
9	Date Douglas A. Smith, M.D., DFAPA
10	Sworn to and subscribed before me, a
	Notary Public in and for the State and County,
11	the referenced witness did personally appear
	and acknowledge that:
12	
	They have read the transcript;
13	They signed the foregoing Sworn
	Statement; and
14	Their execution of this Statement is of
	their free act and deed.
15	
	I have affixed my name and official seal
16	
	this day of, 20
17	
18	Notary Public
19	NOCALY PUBLIC
19	Commission Expiration Date
20	COMMITSSION EXPITACION DACE
21	
22	
23	
24	
25	

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1
                     DEPOSITION REVIEW
                  CERTIFICATION OF WITNESS
2
      ASSIGNMENT REFERENCE NO: 3112788
      CASE NAME: In Re: National Prescription Opiate Litigation v.
3
      DATE OF DEPOSITION: 11/16/2018
      WITNESS' NAME: Douglas A. Smith, M.D., DFAPA
4
            In accordance with the Rules of Civil
5
      Procedure, I have read the entire transcript of
      my testimony or it has been read to me.
6
7
            I have listed my changes on the attached
      Errata Sheet, listing page and line numbers as
      well as the reason(s) for the change(s).
8
9
            I request that these changes be entered
      as part of the record of my testimony.
10
            I have executed the Errata Sheet, as well
      as this Certificate, and request and authorize
11
      that both be appended to the transcript of my
      testimony and be incorporated therein.
12
13
      Date
                           Douglas A. Smith, M.D., DFAPA
14
            Sworn to and subscribed before me, a
      Notary Public in and for the State and County,
15
      the referenced witness did personally appear
      and acknowledge that:
16
            They have read the transcript;
17
            They have listed all of their corrections
            in the appended Errata Sheet;
18
            They signed the foregoing Sworn
            Statement; and
19
            Their execution of this Statement is of
20
            their free act and deed.
            I have affixed my name and official seal
21
      this _____, 20____.
22
23
                  Notary Public
24
                  Commission Expiration Date
25
```

			Page 4	07
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V	ERITEXT LE	GAL SOLUTION	NS MIDWEST	
	ASSIGNM	ENT NO: 11/1	16/2018	
PAGE/LINE(S) /	CHANGE	/REASON	
 Date		Douglas A.	Smith, M.D., DF	APA
SUBSCRIBED	AND SWORN		ME THIS	
			, 20	•
- <u></u>				
	Notary P			•
	Nocary	abite		
	COMMISSI	on Expiration	on pate	

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Federal Rules of Civil Procedure Rule 30

- (e) Review By the Witness; Changes.
- (1) Review; Statement of Changes. On request by the deponent or a party before the deposition is completed, the deponent must be allowed 30 days after being notified by the officer that the transcript or recording is available in which:
- (A) to review the transcript or recording; and
- (B) if there are changes in form or substance, to sign a statement listing the changes and the reasons for making them.
- (2) Changes Indicated in the Officer's Certificate. The officer must note in the certificate prescribed by Rule 30(f)(1) whether a review was requested and, if so, must attach any changes the deponent makes during the 30-day period.

DISCLAIMER: THE FOREGOING FEDERAL PROCEDURE RULES

ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

THE ABOVE RULES ARE CURRENT AS OF SEPTEMBER 1,

2016. PLEASE REFER TO THE APPLICABLE FEDERAL RULES

OF CIVIL PROCEDURE FOR UP-TO-DATE INFORMATION.

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Veritext Legal Solutions represents that the foregoing transcript is a true, correct and complete transcript of the colloquies, questions and answers as submitted by the court reporter. Veritext Legal Solutions further represents that the attached exhibits, if any, are true, correct and complete documents as submitted by the court reporter and/or attorneys in relation to this deposition and that the documents were processed in accordance with our litigation support and production standards.

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